



## **ARP Polyclonal Antibody**

Catalog No         BYab-00572           Isotype         IgG           Reactivity         Human;Mouse;Rat           Applications         WB;IHC;IF;ELISA           Gene Name         MANF           Protein Name         Mesencephalic astrocyte-derived neurotrophic factor           Immunogen         The antiserum was produced against synthesized peptide derived from the internal region of human MANF. AA range:11-60           Specificity         ARP Polyclonal Antibody detects endogenous levels of ARP protein.           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Polyclonal, Rabbit,IgG           Purification         The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000 IF 1:50-200           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         MANF; ARMET; ARP; Mesencephalic astrocyte-derived neurotrophic factor; Arginine-rich protein; Protein ARMET           Observed Band         20kD           Cell Pathway         Secreted - Endoplasmic reticulum (ER), and sarcoplasmic reticulum (SR) under normal conditions (PubMed:2253/47/5). Up-requiated and secreted by the ER/SR in response to ER stress and hypoxia (		
Reactivity Human;Mouse;Rat  Applications WB;IHC;IF;ELISA  Gene Name MANF  Protein Name Mesencephalic astrocyte-derived neurotrophic factor  Immunogen The antiserum was produced against synthesized peptide derived from the Internal region of human MANF. AA range:11-60  Specificity ARP Polyclonal Antibody detects endogenous levels of ARP protein.  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Polyclonal, Rabbit,IgG  Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000 IF 1:50-200  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms MANF; ARMET; ARP; Mesencephalic astrocyte-derived neurotrophic factor; Arginine-rich protein; Protein ARMET  Observed Band 20kD  Cell Pathway Secreted Endoplasmic reticulum lumen. Sarcoplasmic reticulum lumen. Retained in the endoplasmic reticulum (ER), and sarcoplasmic reticulum (SR) under normal conditions (PubMed:22637475), Up-regulated and secreted by the ER/SR in response to ER stress and hypoxia (PubMed:22637475, PubMed:29497057).  Tissue Specificity Testis,  Function response to unfolded protein, response to organic substance, response to protein stimulus,  The protein encoded by this gene is localized in the endoplasmic reticulum (ER) and golgi, and is also secreted. Reducing expression of this gene increases susceptibility to ER stress-induced death and results in cell proliferation. Activity of	Catalog No	BYab-00572
Applications WB;IHC;IF;ELISA  Gene Name MANF  Protein Name Mesencephalic astrocyte-derived neurotrophic factor  Immunogen The antiserum was produced against synthesized peptide derived from the Internal region of human MANF. AA range:11-60  Specificity ARP Polyclonal Antibody detects endogenous levels of ARP protein.  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Polyclonal, Rabbit, IgG  Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000 IF 1:50-200  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms MANF; ARMET; ARP; Mesencephalic astrocyte-derived neurotrophic factor; Arginine-rich protein; Protein ARMET  Observed Band 20kD  Cell Pathway Secreted Endoplasmic reticulum lumen. Sarcoplasmic reticulum lumen. Retained in the endoplasmic reticulum (ER), and sarcoplasmic reticulum (SR) under normal conditions (PubMed:22637475). Up-regulated and secreted by the ER/SR in response to ER stress and hypoxia (PubMed:22637475, PubMed:29497057).  Tissue Specificity Testis.  Function response to unfolded protein, response to organic substance, response to protein stimulus, and sarcoplasmic reticulum (ER) and sglogi, and is also secreted. Reducing expression of this gene increases susceptibility to ER stress-induced death and results in cell proliferation. Activity of	Isotype	IgG
Gene Name MANF Protein Name Mesencephalic astrocyte-derived neurotrophic factor  Immunogen The antiserum was produced against synthesized peptide derived from the Internal region of human MANF. AA range:11-60 Specificity ARP Polyclonal Antibody detects endogenous levels of ARP protein.  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Polyclonal, Rabbit,IgG  Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. IF 1:50-200  Concentration 1 mg/ml  Purity 290% Storage Stability -20°C/1 year  Synonyms MANF; ARMET; ARP; Mesencephalic astrocyte-derived neurotrophic factor; Arginine-rich protein; Protein ARMET  Observed Band 20kD  Cell Pathway Secreted Endoplasmic reticulum lumen. Sarcoplasmic reticulum (SR) under normal conditions (PubMed:22637475). Up-regulated and secreted by the ERVSR in response to ER stress and hypoxia (PubMed:22637475, Tissue Specificity Testis,  Function response to unfolded protein, response to organic substance, response to protein stimulus,  Background The protein encoded by this gene is localized in the endoplasmic reticulum (ER) and golgi, and is also secreted. Reducing expression of this gene increases susceptibility to ER stress-induced death and results in cell proliferation. Activity of	Reactivity	Human;Mouse;Rat
Protein Name Mesencephalic astrocyte-derived neurotrophic factor  Immunogen The antiserum was produced against synthesized peptide derived from the Internal region of human MANF. AA range:11-60  Specificity ARP Polyclonal Antibody detects endogenous levels of ARP protein.  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Polyclonal, Rabbit, IgG  Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000 IF 1:50-200  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms MANF; ARMET; ARP; Mesencephalic astrocyte-derived neurotrophic factor; Arginine-rich protein; Protein ARMET  Observed Band 20kD  Cell Pathway Secreted . Endoplasmic reticulum lumen . Sarcoplasmic reticulum lumen . Retained in the endoplasmic reticulum (ER), and sarcoplasmic reticulum (SR) under normal conditions (PubMed:22637475). Up-regulated and secreted by the ER/SR in response to ER stress and hypoxia (PubMed:22637475, Upsellated and secreted by the ER/SR in response to ER stress and hypoxia (PubMed:22637475, Upsellated and secreted by the ER/SR in response to unfolded protein, response to organic substance, response to protein stimulus,  The protein encoded by this gene is localized in the endoplasmic reticulum (ER) and golgi, and is also secreted. Reducing expression of this gene increases and susceptibility to ER stress-induced death and results in cell proliferation. Activity of	Applications	WB;IHC;IF;ELISA
Immunogen         The antiserum was produced against synthesized peptide derived from the Internal region of human MANF. AA range:11-60           Specificity         ARP Polyclonal Antibody detects endogenous levels of ARP protein.           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Polyclonal, Rabbit, IgG           Purification         The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000 IF 1:50-200           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         MANF; ARMET; ARP; Mesencephalic astrocyte-derived neurotrophic factor; Arginine-rich protein; Protein ARMET           Observed Band         20kD           Cell Pathway         Secreted . Endoplasmic reticulum [Len], and sarcoplasmic reticulum (SR) under normal conditions (PubMed:22637475), Up-regulated and secreted by the ER/SR in response to ER stress and hypoxia (PubMed:22637475, PubMed:22637475).           Tissue Specificity         Testis,           Function         response to unfolded protein, response to organic substance, response to protein stimulus.           Background         The protein encoded by this gene is localized in the endoplasmic reticulum (ER) and golgi, and is also secreted. Reducing expression of this gene increase	Gene Name	MANF
Internal region of human MANF. AA range:11-60  Specificity ARP Polyclonal Antibody detects endogenous levels of ARP protein.  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Polyclonal, Rabbit,IgG  Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000 IF 1:50-200  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms MANF; ARMET; ARP; Mesencephalic astrocyte-derived neurotrophic factor; Arginine-rich protein; Protein ARMET  Observed Band 20kD  Cell Pathway Secreted Endoplasmic reticulum lumen Sarcoplasmic reticulum lumen Retained in the endoplasmic reticulum (ER), and sarcoplasmic reticulum (SR) under normal conditions (PubMed:22637475). Up-regulated and secreted by the ER/SR in response to ER stress and hypoxia (PubMed:22637475, PubMed:29497057).  Tissue Specificity Testis,  Function response to unfolded protein, response to organic substance, response to protein stimulus,  Background The protein encoded by this gene is localized in the endoplasmic reticulum (ER) and golgi, and is also secreted. Reducing expression of this gene increases susceptibility to ER stress-induced death and results in cell proliferation. Activity of	Protein Name	Mesencephalic astrocyte-derived neurotrophic factor
Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Polyclonal, Rabbit,IgG  Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000 IF 1:50-200  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms MANF; ARMET; ARP; Mesencephalic astrocyte-derived neurotrophic factor; Arginine-rich protein; Protein ARMET  Observed Band 20kD  Cell Pathway Secreted . Endoplasmic reticulum lumen . Sarcoplasmic reticulum (SR) under normal conditions (PubMed:22637475). Up-regulated and secreted by the ER/SR in response to ER stress and hypoxia (PubMed:22637475, PubMed:29497057).  Tissue Specificity Testis,  Function response to unfolded protein, response to organic substance, response to protein stimulus,  The protein encoded by this gene is localized in the endoplasmic reticulum (ER) and golgi, and is also secreted. Reducing expression of this gene increases susceptibility to ER stress-induced death and results in cell proliferation. Activity of	Immunogen	
Source       Polyclonal, Rabbit,IgG         Purification       The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.         Dilution       WB: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000 IF 1:50-200         Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       MANF; ARMET; ARP; Mesencephalic astrocyte-derived neurotrophic factor; Arginine-rich protein; Protein ARMET         Observed Band       20kD         Cell Pathway       Secreted . Endoplasmic reticulum lumen . Sarcoplasmic reticulum (ER), and sarcoplasmic reticulum (SR) under normal conditions (PubMed:22637475). Up-regulated and secreted by the ER/SR in response to ER stress and hypoxia (PubMed:22637475, PubMed:29497057).         Tissue Specificity       Testis,         Function       response to unfolded protein, response to organic substance, response to protein stimulus,         Background       The protein encoded by this gene is localized in the endoplasmic reticulum (ER) and golgi, and is also secreted. Reducing expression of this gene increases susceptibility to ER stress-induced death and results in cell proliferation. Activity of	Specificity	ARP Polyclonal Antibody detects endogenous levels of ARP protein.
Purification  The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution  WB: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000 IF 1:50-200  Concentration  1 mg/ml  Purity  ≥90%  Storage Stability  -20°C/1 year  Synonyms  MANF; ARMET; ARP; Mesencephalic astrocyte-derived neurotrophic factor; Arginine-rich protein; Protein ARMET  Observed Band  20kD  Cell Pathway  Secreted . Endoplasmic reticulum lumen . Sarcoplasmic reticulum lumen . Retained in the endoplasmic reticulum (ER), and sarcoplasmic reticulum (SR) under normal conditions (PubMed:22637475). Up-regulated and secreted by the ER/SR in response to ER stress and hypoxia (PubMed:22637475, PubMed:29497057).  Tissue Specificity  Testis,  Function  response to unfolded protein, response to organic substance, response to protein stimulus,  The protein encoded by this gene is localized in the endoplasmic reticulum (ER) and golgi, and is also secreted. Reducing expression of this gene increases susceptibility to ER stress-induced death and results in cell proliferation. Activity of	Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
affinity-chromatography using epitope-specific immunogen.  Dilution WB: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000 IF 1:50-200  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms MANF; ARMET; ARP; Mesencephalic astrocyte-derived neurotrophic factor; Arginine-rich protein; Protein ARMET  Observed Band 20kD  Cell Pathway Secreted . Endoplasmic reticulum lumen . Sarcoplasmic reticulum lumen . Retained in the endoplasmic reticulum (ER), and sarcoplasmic reticulum (SR) under normal conditions (PubMed:22637475). Up-regulated and secreted by the ER/SR in response to ER stress and hypoxia (PubMed:22637475, PubMed:29497057).  Tissue Specificity Testis,  Function response to unfolded protein, response to organic substance, response to protein stimulus,  Background The protein encoded by this gene is localized in the endoplasmic reticulum (ER) and golgi, and is also secreted. Reducing expression of this gene increases susceptibility to ER stress-induced death and results in cell proliferation. Activity of	Source	Polyclonal, Rabbit,IgG
Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       MANF; ARMET; ARP; Mesencephalic astrocyte-derived neurotrophic factor; Arginine-rich protein; Protein ARMET         Observed Band       20kD         Cell Pathway       Secreted . Endoplasmic reticulum lumen . Sarcoplasmic reticulum lumen . Retained in the endoplasmic reticulum (ER), and sarcoplasmic reticulum (SR) under normal conditions (PubMed:22637475). Up-regulated and secreted by the ER/SR in response to ER stress and hypoxia (PubMed:22637475, PubMed:29497057).         Tissue Specificity       Testis,         Function       response to unfolded protein, response to organic substance, response to protein stimulus,         Background       The protein encoded by this gene is localized in the endoplasmic reticulum (ER) and golgi, and is also secreted. Reducing expression of this gene increases susceptibility to ER stress-induced death and results in cell proliferation. Activity of	Purification	
Purity ≥90%  Storage Stability -20°C/1 year  Synonyms MANF; ARMET; ARP; Mesencephalic astrocyte-derived neurotrophic factor; Arginine-rich protein; Protein ARMET  Observed Band 20kD  Cell Pathway Secreted . Endoplasmic reticulum lumen . Sarcoplasmic reticulum lumen . Retained in the endoplasmic reticulum (ER), and sarcoplasmic reticulum (SR) under normal conditions (PubMed:22637475). Up-regulated and secreted by the ER/SR in response to ER stress and hypoxia (PubMed:22637475, PubMed:29497057)  Tissue Specificity Testis,  Function response to unfolded protein, response to organic substance, response to protein stimulus,  Background The protein encoded by this gene is localized in the endoplasmic reticulum (ER) and golgi, and is also secreted. Reducing expression of this gene increases susceptibility to ER stress-induced death and results in cell proliferation. Activity of	Dilution	WB: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000 IF 1:50-200
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Synonyms MANF; ARMET; ARP; Mesencephalic astrocyte-derived neurotrophic factor; Arginine-rich protein; Protein ARMET  Observed Band 20kD  Cell Pathway Secreted . Endoplasmic reticulum lumen . Sarcoplasmic reticulum lumen . Retained in the endoplasmic reticulum (ER), and sarcoplasmic reticulum (SR) under normal conditions (PubMed:22637475). Up-regulated and secreted by the ER/SR in response to ER stress and hypoxia (PubMed:22637475, PubMed:29497057).  Tissue Specificity Testis,  Function response to unfolded protein, response to organic substance, response to protein stimulus,  Background The protein encoded by this gene is localized in the endoplasmic reticulum (ER) and golgi, and is also secreted. Reducing expression of this gene increases susceptibility to ER stress-induced death and results in cell proliferation. Activity of	Purity	≥90%
Arginine-rich protein; Protein ARMET  Observed Band  Cell Pathway  Secreted . Endoplasmic reticulum lumen . Sarcoplasmic reticulum lumen . Retained in the endoplasmic reticulum (ER), and sarcoplasmic reticulum (SR) under normal conditions (PubMed:22637475). Up-regulated and secreted by the ER/SR in response to ER stress and hypoxia (PubMed:22637475, PubMed:29497057)  Tissue Specificity  Testis,  Function  response to unfolded protein, response to organic substance, response to protein stimulus,  Background  The protein encoded by this gene is localized in the endoplasmic reticulum (ER) and golgi, and is also secreted. Reducing expression of this gene increases susceptibility to ER stress-induced death and results in cell proliferation. Activity of	Storage Stability	-20°C/1 year
Cell Pathway  Secreted . Endoplasmic reticulum lumen . Sarcoplasmic reticulum lumen .  Retained in the endoplasmic reticulum (ER), and sarcoplasmic reticulum (SR) under normal conditions (PubMed:22637475). Up-regulated and secreted by the ER/SR in response to ER stress and hypoxia (PubMed:22637475, PubMed:29497057)  Tissue Specificity  Testis,  Function  response to unfolded protein, response to organic substance, response to protein stimulus,  Background  The protein encoded by this gene is localized in the endoplasmic reticulum (ER) and golgi, and is also secreted. Reducing expression of this gene increases susceptibility to ER stress-induced death and results in cell proliferation. Activity of	Synonyms	·
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Function  response to unfolded protein, response to organic substance, response to protein stimulus,  The protein encoded by this gene is localized in the endoplasmic reticulum (ER) and golgi, and is also secreted. Reducing expression of this gene increases susceptibility to ER stress-induced death and results in cell proliferation. Activity of	Cell Pathway	Retained in the endoplasmic reticulum (ER), and sarcoplasmic reticulum (SR) under normal conditions (PubMed:22637475). Up-regulated and secreted by the ER/SR in response to ER stress and hypoxia (PubMed:22637475,
Background  The protein encoded by this gene is localized in the endoplasmic reticulum (ER) and golgi, and is also secreted. Reducing expression of this gene increases susceptibility to ER stress-induced death and results in cell proliferation. Activity of	Tissue Specificity	Testis,
and golgi, and is also secreted. Reducing expression of this gene increases ` ´ ´ susceptibility to ER stress-induced death and results in cell proliferation. Activity of	Function	
	Background	and golgi, and is also secreted. Reducing expression of this gene increases ` susceptibility to ER stress-induced death and results in cell proliferation. Activity of

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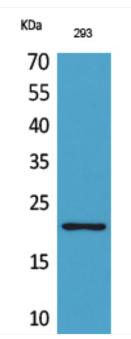
网址: www.njbybio.com 官方热线: 025-5229-8998 监督电话: 15950492658



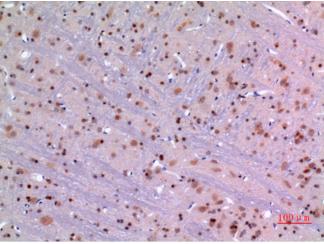


	presence of polymorphisms in the N-terminal arginine-rich region, including a specific mutation that changes an ATG start codon to AGG, have been reported in a variety of solid tumors; however, these polymorphisms were later shown to exist in normal tissues and are thus no longer thought to be tumor-related. [provided by RefSeq, Apr 2014],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.





Western Blot analysis of 293 cells using ARP Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

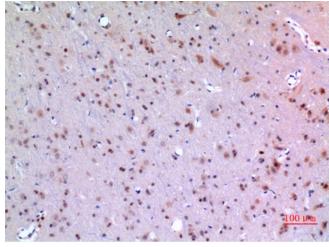


Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100

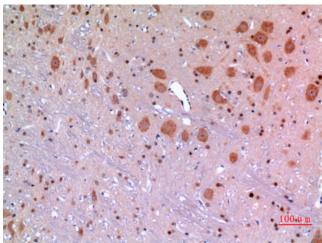
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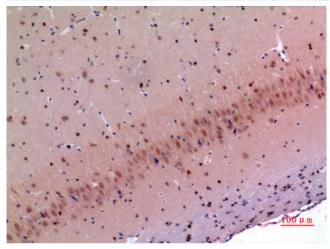




Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded mouse-brain, antibody was diluted at 1:100

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