



## Neuralized-1 Polyclonal Antibody

NEURL1. AA range:219-268   Specificity Neuralized-1 Polyclonal Antibody detects endogenous levels of Neuralized-1 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: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200   Concentration 1 mg/ml   Purity ≥90%   Storage Stability -20°C/1 year   Synonyms NEURL; NEURL1; NEURL1A; RNF67; Neuralized-like protein 1A; h-neu; h-neuralized 1; RING finger protein 67   Observed Band 62kD   Cell Pathway Cytoplasm, perinuclear region. Cell membrane; Peripheral membrane prote Localized with PSD5 in postsynaptic sites. Colocalized with PSD5 in postsynaptic sites. Colocalized with SD5 in postsynaptic sites. Colocalized with the cell surface		
ReactivityHuman;Rat;Mouse;ApplicationsWB;IHC;IF;ELISAGene NameNEURLProtein NameNeuralized-like protein 1AImmunogenThe antiserum was produced against synthesized peptide derived from hum NEURL1. AA range:219-268SpecificityNeuralized-1 Polyclonal Antibody detects endogenous levels of Neuralized-1 protein.FormulationLiquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.SourcePolyclonal, Rabbit,IgGPurificationThe antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.DilutionWB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearSynonymsNEURL; NEURL1; NEURL1A; RNF67; Neuralized-like protein 1A; h-neu; h-neuralized 1; RING finger protein 67Observed Band62kDCell PathwayCytoplasm, perinuclear region . Cell membrane ; Peripheral membrane prote Perikaryon . Cell projection, dendrite . Cell junction, synapse, postsynaptic of OPES at apical dendrites of CA1 neurons (By similarity). Colocalized with J at the cell surface .	Catalog No	BYab-02715
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Protein. 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: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200   Concentration 1 mg/ml   Purity ≥90%   Storage Stability -20°C/1 year   Synonyms NEURL; NEURL1; NEURL1A; RNF67; Neuralized-like protein 1A; h-neu; h-neuralized 1; RING finger protein 67   Observed Band 62kD   Cell Pathway Cytoplasm, perinuclear region . Cell membrane ; Peripheral membrane prote perikaryon . Cell projection, dendrite . Cell junction, synapse, postsynaptic de . Localized in the cell bodies of the pyramidal neurons and distributed along apical dendrites . Colocalized with PSD95 in postsynaptic sites. Colocalized with J at the cell surface	Immunogen	The antiserum was produced against synthesized peptide derived from human NEURL1. AA range:219-268
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<b>Cell Pathway</b> Cytoplasm, perinuclear region . Cell membrane ; Peripheral membrane prote Perikaryon . Cell projection, dendrite . Cell junction, synapse, postsynaptic de . Localized in the cell bodies of the pyramidal neurons and distributed along apical dendrites. Colocalized with PSD95 in postsynaptic sites. Colocalized with J CPEB3 at apical dendrites of CA1 neurons (By similarity). Colocalized with J at the cell surface	Synonyms	
Perikaryon . Cell projection, dendrite . Cell junction, synapse, postsynaptic de . Localized in the cell bodies of the pyramidal neurons and distributed along apical dendrites. Colocalized with PSD95 in postsynaptic sites. Colocalized v CPEB3 at apical dendrites of CA1 neurons (By similarity). Colocalized with J at the cell surface.	Observed Band	62kD
<b>Tissue Specificity</b> Expressed in brain testis pituitary gland pancreas and bone marrow Also r	Cell Pathway	Cytoplasm, perinuclear region . Cell membrane ; Peripheral membrane protein . Perikaryon . Cell projection, dendrite . Cell junction, synapse, postsynaptic density . Localized in the cell bodies of the pyramidal neurons and distributed along their apical dendrites. Colocalized with PSD95 in postsynaptic sites. Colocalized with CPEB3 at apical dendrites of CA1 neurons (By similarity). Colocalized with JAG1 at the cell surface
expressed in malignant astrocytomas and several neuroectodermal tumor ce lines. Weakly expressed in medulloblastoma (MB) compared with normal cerebellar tissues.	Tissue Specificity	
Function microtubule cytoskeleton organization, microtubule bundle	Function	formation, reproductive developmental process, cell motion,cytoskeleton organization, microtubule-based process, gamete generation, germ cell
organization, microtubule-based process, gamete generation, germ cell development, spermatogenesis,spermatid development, sperm axoneme		development, spermatogenesis, spermatid development, sperm axoneme



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	assembly, lactation, flagellum assembly, cellular component assembly involved in morphogenesis, sexual reproduction, cell projection organization, cell projection assembly, sperm motility,mammary gland development, multicellular organism reproduction, cellular component morphogenesis, axoneme assembly, flagellar axoneme assembly, flagellum organization, male gamete generation, spermatid differentiation,reproductive process in a multicellular organism, reproductive cellular process, gland development, cell motility,localization of cell,
Background	NEURL1B (neuralized homolog 1B), also known as neur2 or NEURL3, is a 555 amino acid protein that functions as an E3 ubiquitin-protein ligase. Involved in protein ubiquitination, NEURL1B contains two NHR (neuralized homology repeat) domains and one RING-type zinc finger. NEURL4 (neuralized homolog 4 (Drosophila)), also known as neuralized-like protein 4, is a 1,562 amino acid protein that is highly expressed in a wide variety of tissues. Containing six NHR (neuralized homology repeat) domains, NEURL4 exists as two alternatively spliced isoforms that are encoded by a gene that maps to human chromosome 17p13.1.
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.

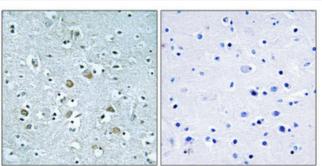
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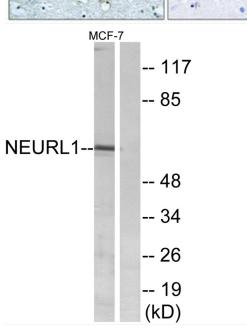


## **Products Images**



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

Western blot analysis of lysates from MCF-7 cells, using NEURL1 Antibody. The lane on the right is blocked with the synthesized peptide.



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