



# A20 Polyclonal Antibody

<b>Catalog No</b>	BYab-01516
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB;IF;ELISA
<b>Gene Name</b>	TNFAIP3
<b>Protein Name</b>	Tumor necrosis factor alpha-induced protein 3
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human TNAP3. AA range:321-370
<b>Specificity</b>	A20 Polyclonal Antibody detects endogenous levels of A20 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	TNFAIP3; OTUD7C; Tumor necrosis factor alpha-induced protein 3; TNF alpha-induced protein 3; OTU domain-containing protein 7C; Putative DNA-binding protein A20; Zinc finger protein A20
<b>Observed Band</b>	89kD
<b>Cell Pathway</b>	Cytoplasm. Nucleus. Lysosome.; [A20p50]: Cytoplasm.
<b>Tissue Specificity</b>	Epithelium,Testis,Trachea,
<b>Function</b>	function:Interacts with NAF1 and inhibits TNF-induced NF-kappa-B-dependent gene expression by interfering with an RIP- or TRAF2-mediated transactivation signal. Inhibitor of programmed cell death. Has a role in the function of the lymphoid system and may contribute to the in vivo effects of TNF (By similarity). Has deubiquitinating activity that is directed towards 'Lys-48' or 'Lys-63'-linked polyubiquitin chains.,induction:By TNF-alpha.,similarity:Belongs to the peptidase C64 family.,similarity:Contains 1 OTU domain.,similarity:Contains 7 A20-type zinc fingers.,subunit:Homodimer. Interacts with NAF1, TAX1BP1 and TRAF2.,

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**Background**

This gene was identified as a gene whose expression is rapidly induced by the tumor necrosis factor (TNF). The protein encoded by this gene is a zinc finger protein and ubiquitin-editing enzyme, and has been shown to inhibit NF-kappa B activation as well as TNF-mediated apoptosis. The encoded protein, which has both ubiquitin ligase and deubiquitinase activities, is involved in the cytokine-mediated immune and inflammatory responses. Several transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2012],

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**matters needing attention**

Avoid repeated freezing and thawing!

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**Usage suggestions**

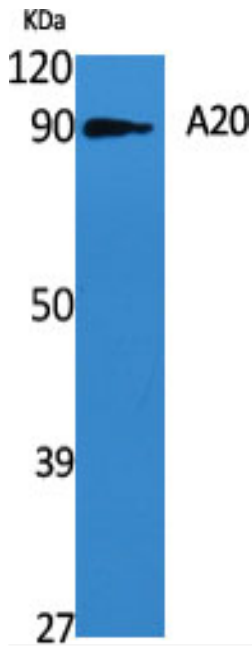
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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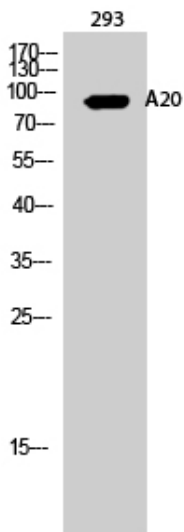
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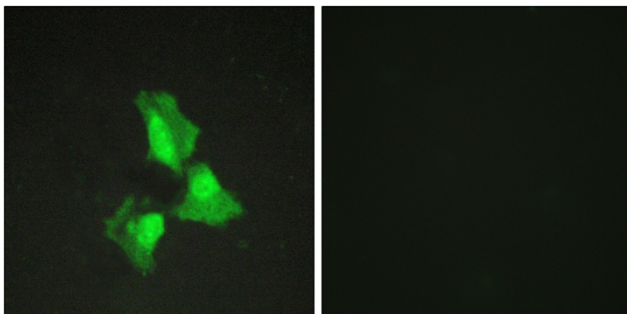
## Products Images



Western Blot analysis of various cells using A20 Polyclonal Antibody

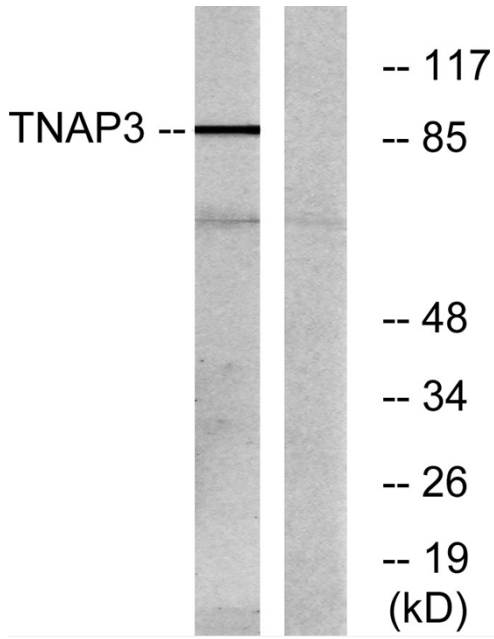


Western Blot analysis of 293 cells using A20 Polyclonal Antibody



Immunofluorescence analysis of HepG2 cells, using TNAP3 Antibody. The picture on the right is blocked with the synthesized peptide.

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Western blot analysis of lysates from RAW264.7 cells, using TNAP3 Antibody. The lane on the right is blocked with the synthesized peptide.