



# A20 Rabbit mAb

<b>Catalog No</b>	YP-rAb-17236
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human
<b>Applications</b>	WB,IHC,IF,ELISA
<b>Gene Name</b>	TNFAIP3
<b>Protein Name</b>	Tumor necrosis factor alpha-induced protein 3
<b>Purification Process</b>	Protein A
<b>Specificity</b>	Endogenous
<b>Formulation</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
<b>Source</b>	Monoclonal, Rabbit,IgG
<b>Dilution</b>	IHC 1:200-1:1000; WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
<b>Concentration</b>	0.5 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-15° C to -25° C/1 year(Do not lower than -25° C)
<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>	82kD
<b>Calculated Molecular Weight</b>	90kD
<b>Cell Pathway</b>	Cytoplasm. Nucleus. Lysosome.; [A20p50]: Cytoplasm.
<b>Tissue Specificity</b>	Epithelium,Testis,Trachea,
<b>Function</b>	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 polyubiquitinating 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.,
<b>Background</b>	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





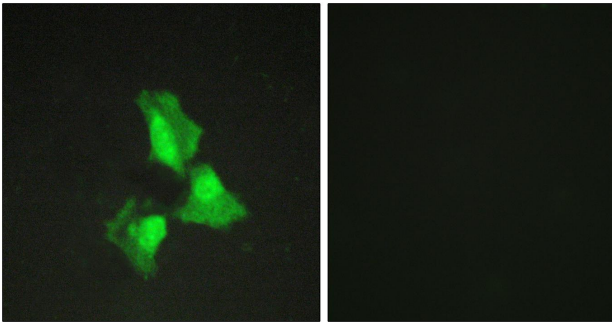
protein and ubiquitin-editing enzyme, and has been shown to inhibit NF-kappa B activation as well as TNF-mediated apoptosis. The encoded protein, which has both ubiquitin ligase and deubiquitinase activities, is involved in the cytokine-mediated immune and inflammatory responses. Several transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2012],

**matters needing attention**

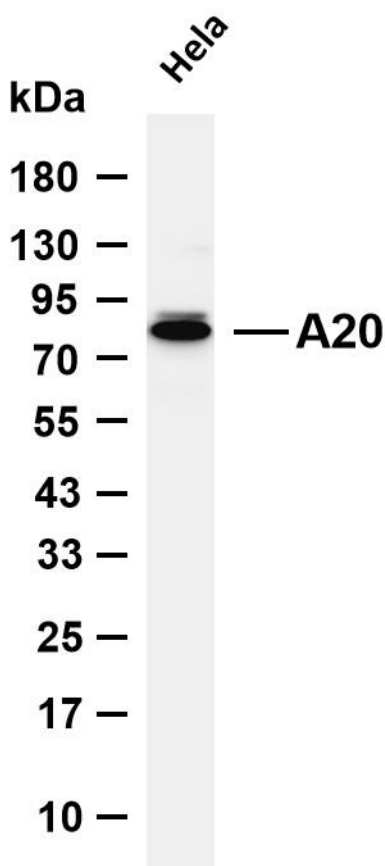
Avoid repeated freezing and thawing!

**Usage suggestions**

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

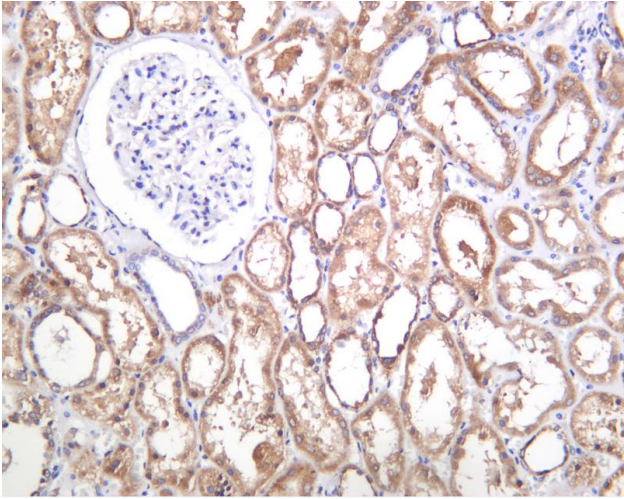


Immunofluorescence analysis of HepG2 cells, using A20 Antibody. The picture on the right is blocked with the synthesized peptide.

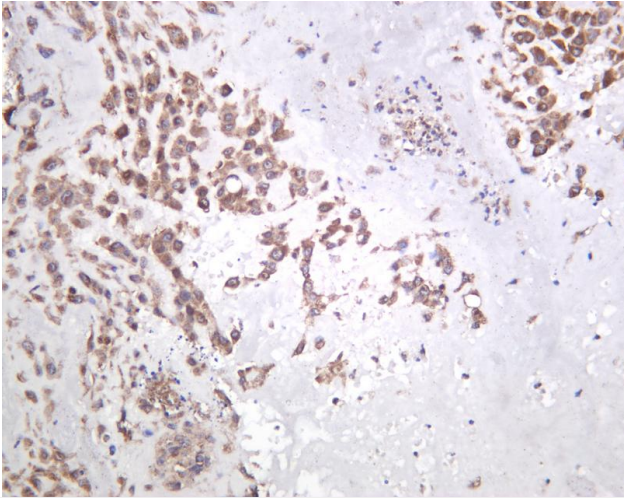


Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-A20 antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: HeLa Predicted band size: 90kDa Observed band size: 82kDa





Human kidney was stained with anti-A20 Rabbit antibody



Human placenta was stained with anti-A20 Rabbit antibody

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