

Rabbit TNFAIP3 Polyclonal Antibody | anti-TNFAIP3 antibody

TNFAIP3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA168294	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

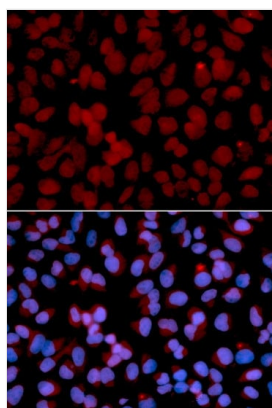
PRODUCT SYNONYMS

TNFAIP3; Polyclonal Antibody; TNFAIP3 Antibody; A20; MGC104522; MGC138687; MGC138688; OTUD7C; TNFA1P2; anti-TNFAIP3 antibody

PRODUCT SPECIFICATIONS

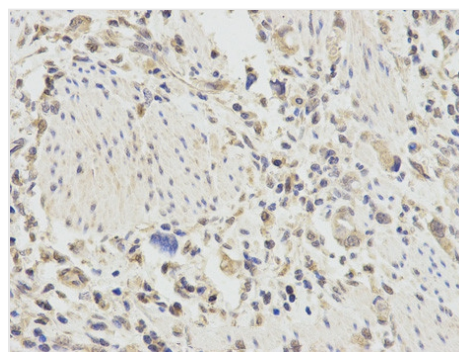
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	790
Applicable Applications for anti-TNFAIP3 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human TNFAIP3
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-17856 / sc-32523 / sc-32524 / sc-32525 / sc-22834
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



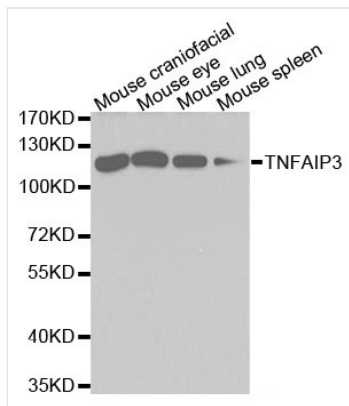
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using TNFAIP3 antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach cancer using TNFAIP3 antibody at dilution of 1:200 (400x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using TNFAIP3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TNFAIP3 antibody

A20, also referred to as TNF-alpha-induced protein 3 (TNFAIP3), is cytokine-inducible protein that functions to inhibit apoptosis and activate NF-kappaB (1, 2). It was first identified as a TNF-alpha inducible primary response gene in human umbilical vein endothelial cells, and encodes a 790-amino acid protein containing seven Cys2/Cys2-zinc finger motifs (3). Constitutive expression of A20 is observed in lymphoid tissues (4), but it is transiently expressed in a variety of cell types in response to inflammatory signals such as TNF-alpha (3, 5), IL-1 (3, 5), phorbol esters (6), and LPS (7). Expression of A20 can confer resistance to apoptosis and NF-kappaB activation triggered by these signals, probably through interference with TRAF (TNF receptor associated factor) family members (8, 9), and interaction with the NF-kappaB inhibiting protein ABIN (10). Studies also show that A20 contains site-specific ubiquitin modifying activity that can contribute to its biological functions (11, 12). The amino-terminus of A20 contains de-ubiquitinating (DUB) activity for Lys63 branches, such as those found in TRAF6 and RIP, while the carboxyl-terminus contains ubiquitin ligase (E3) activity for Lys48 branches of the same substrates and leads to their degradation (12).

NCBI AND UNIPROT INFORMATION

NCBI GI #	395393997
NCBI GeneID	7128
NCBI Accession #	NP_001257437.1
NCBI GenBank Nucleotide #	NM_001270508.1
Molecular Weight	89,614 Da
NCBI Official Full Name	tumor necrosis factor alpha-induced protein 3
NCBI Official Synonym Full Names	tumor necrosis factor, alpha-induced protein 3
NCBI Official Symbol	TNFAIP3
NCBI Official Synonym Symbols	A20; OTUD7C; TNFA1P2
NCBI Protein Information	tumor necrosis factor alpha-induced protein 3; OTU domain-containing protein 7C; TNF alpha-induced protein 3; putative DNA-binding protein A20; tumor necrosis factor inducible protein A20; zinc finger protein A20
UniProt Protein Name	Tumor necrosis factor alpha-induced protein 3
UniProt Gene Name	TNFAIP3
UniProt Synonym Gene Names	OTUD7C; TNF alpha-induced protein 3
UniProt Entry Name	TNAP3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

