

Rabbit anti-Human TNFAIP3 Polyclonal Antibody | anti-TNFAIP3 antibody

TNFAIP3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232713	Rabbit	Human	Immunofluorescence, Western Blot, ELISA

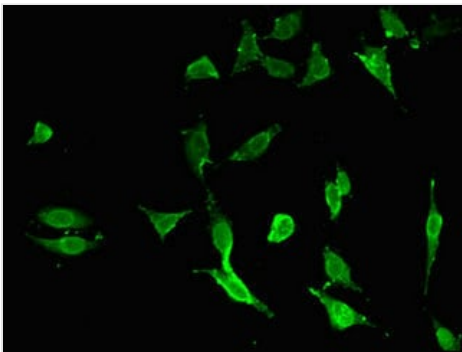
PRODUCT SYNONYMS

TNFAIP3; Polyclonal Antibody; TNFAIP3 Antibody; 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; A20p50; A20p37; OTUD7C; anti-TNFAIP3 antibody

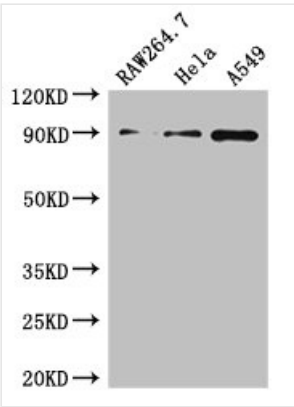
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	790
Applicable Applications for anti-TNFAIP3 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Recombinant Human Tumor necrosis factor alpha-induced protein 3 protein (97-183AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-17856 / sc-22834 / sc-32523 / sc-32524 / sc-32525
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of HeLa cells using AAA232713 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



WB (Western Blot)
Western BlotPositive WB detected in:RAW264.7 whole cell lysate,HeLa whole cell lysate,A549 whole cell lysateAll lanes: TNFAIP3 antibody at 2.7ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 90 kDaObserved band size: 90 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-TNFAIP3 antibody	Ubiquitin-editing enzyme that contains both ubiquitin ligase and deubiquitinase activities. Involved in immune and inflammatory responses signaled by cytokines, such as TNF-alpha and IL-1 beta, or pathogens via Toll-like receptors (TLRs) through terminating NF-kappa-B activity. Essential component of a ubiquitin-editing protein complex, comprising also RNF11, ITCH and TAX1BP1, that ensures the transient nature of inflammatory signaling pathways. In cooperation with TAX1BP1 promotes disassembly of E2-E3 ubiquitin protein ligase complexes in IL-1R and TNFR-1 pathways; affected are at least E3 ligases TRAF6, TRAF2 and BIRC2, and E2 ubiquitin-conjugating enzymes UBE2N and UBE2D3. In cooperation with TAX1BP1 promotes ubiquitination of UBE2N and proteasomal degradation of UBE2N and UBE2D3. Upon TNF stimulation, deubiquitinates 'Lys-63'-polyubiquitin chains on RIPK1 and catalyzes the formation of 'Lys-48'-polyubiquitin chains. This leads to RIPK1 proteasomal degradation and consequently termination of the TNF- or LPS-mediated activation of NF-kappa-B. Deubiquitinates TRAF6 probably acting on 'Lys-63'-linked polyubiquitin. Upon T-cell receptor (TCR)-mediated T-cell activation, deubiquitinates 'Lys-63'-polyubiquitin chains on MALT1 thereby mediating disassociation of the CBM (CARD11: BCL10: MALT1) and IKK complexes and preventing sustained IKK activation. Deubiquitinates NEMO/IKBKG; the function is facilitated by TNIP1 and leads to inhibition of NF-kappa-B activation. Upon stimulation by bacterial peptidoglycans, probably deubiquitinates RIPK2. Can also inhibit I-kappa-B-kinase (IKK) through a non-catalytic mechanism which involves polyubiquitin; polyubiquitin promotes association with IKBKG and prevents IKK MAP3K7-mediated phosphorylation. Targets TRAF2 for lysosomal degradation. In vitro able to deubiquitinate 'Lys-11'-, 'Lys-48'- and 'Lys-63' polyubiquitin chains. Inhibitor of programmed cell death. Has a role in the function of the lymphoid system. Required for LPS-induced production of proinflammatory cytokines and IFN beta in LPS-tolerized macrophages.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	395393995
NCBI GeneID	7128
NCBI Accession #	NP_001257436.1
NCBI GenBank Nucleotide #	NM_001270507.1
UniProt Accession #	P21580; Q2HIX9; Q5VXQ7; Q9NSR6; B2R767; E1P588
Molecular Weight	89,614 Da
NCBI Official Full Name	tumor necrosis factor alpha-induced protein 3
NCBI Official Synonym Full Names	TNF alpha induced protein 3
NCBI Official Symbol	TNFAIP3
NCBI Official Synonym Symbols	A20; AISBL; OTUD7C; TNFA1P2

NCBI Protein Information	tumor necrosis factor alpha-induced protein 3
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tnfaip3-antibody-immunofluorescence-western-blot-elisa/232713>