

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

TNFAIP3 Antibody

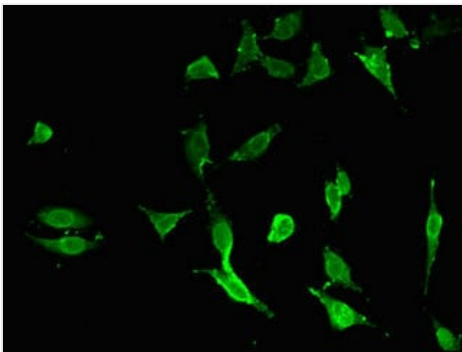
| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                            |
|-----------|--------|------------|-----------------------------------------|
| AAA232713 | Rabbit | Human      | Immunofluorescence, Western Blot, ELISA |

### PRODUCT SYNONYMS

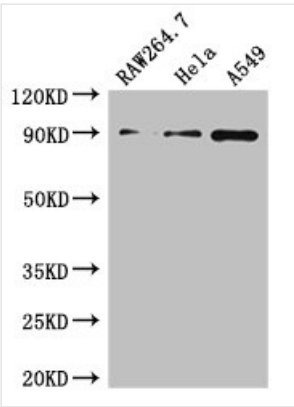
TNFAIP3; Polyclonal Antibody; TNFAIP3 Antibody; Tumor necrosis factor alpha-induced protein 3; TNF alpha-induced protein 3; OTU domain-containing protein 7C; Putative DNA-binding protein A20; Zinc finger protein A20; A20p50; A20p37; OTUD7C; anti-TNFAIP3 antibody

### 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.            |



**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.

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          | <b>TNFAIP3</b>                                |
| 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://www.aaabiotech.com/polyclonal/tnfaip3-antibody-immunofluorescence-western-blot-elisa/232713>