

# TNFAIP3 Polyclonal antibody

Catalog Number: 23456-1-AP

18 Publications

## Basic Information

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|--|---|--|
| <b>Catalog Number:</b><br>23456-1-AP   | <b>GenBank Accession Number:</b><br>BC114480                        | <b>Purification Method:</b><br>Antigen affinity purification |
| <b>Size:</b><br>150ul , Concentration: 300 µg/ml by Nanodrop and 307 µg/ml by Bradford method using BSA as the standard; | <b>GeneID (NCBI):</b><br>7128                                       | <b>Recommended Dilutions:</b><br>WB 1:500-1:2000             |
| <b>Source:</b><br>Rabbit   | <b>Full Name:</b><br>tumor necrosis factor, alpha-induced protein 3 |  |
| <b>Isotype:</b><br>IgG   | <b>Calculated MW:</b><br>790 aa, 90 kDa                             |  |
| <b>Immunogen Catalog Number:</b><br>AG18150  | <b>Observed MW:</b><br>80-90 kDa, 37-40 kDa                         |  |

## Applications

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| <b>Tested Applications:</b><br>WB, ELISA         | <b>Positive Controls:</b><br>WB : Jurkat cells, HeLa cells |
| <b>Cited Applications:</b><br>IF, IHC, WB        |  |
| <b>Species Specificity:</b><br>human, mouse, rat |  |
| <b>Cited Species:</b><br>human, rat, mouse, pig  |  |

## Background Information

TNFAIP3, also named A20, is a cytoplasmic zinc finger protein that inhibits nuclear factor kappa-B (NFkB) activity and tumor necrosis factor (TNF)-mediated programmed cell death. A20 is a ubiquitin-editing enzyme that contains both ubiquitin ligase and deubiquitinase activities, and 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. Upon T- or B-cell receptor engagement human (h) A20 is cleaved by MALT1 after arginine 439, yielding an N-terminal fragment and a C-terminal one (~37-40 kDa). This antibody, which is a rabbit polyclonal antibody raised against 350 aa of C-terminus of human TNFAIP3, can recognize full-length A20 (~90 kDa) and cleaved form (~37-40 kDa).

## Notable Publications

| Author          | Pubmed ID | Journal             | Application |
|-----------------|-----------|---------------------|-------------|
| Zhengjiang Qian | 34572339  | Biomedicines        | WB          |
| Yifan Wang      | 34481142  | Int Immunopharmacol | WB          |
| Liqing Cheng    | 27588072  | Exp Ther Med        | WB          |

## Storage

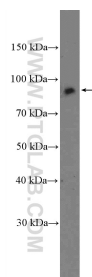
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

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## Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 23456-1-AP (TNFAIP3 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.