

For Research Use Only

TNFAIP3 Polyclonal antibody

Catalog Number: 23456-1-AP

20 Publications



Basic Information

Catalog Number:

23456-1-AP

Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 307 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18150

GenBank Accession Number:

BC114480

GeneID (NCBI):

7128

UNIPROT ID:

P21580

Full Name:

tumor necrosis factor, alpha-induced protein 3

Calculated MW:

790 aa, 90 kDa

Observed MW:

80-90 kDa, 37-40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat, pig

Positive Controls:

WB: Jurkat cells, HeLa cells

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

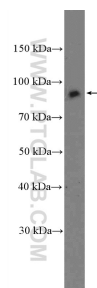
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.