

For Research Use Only

# TNFAIP8 Polyclonal antibody

Catalog Number: 15790-1-AP

Featured Product

16 Publications



## Basic Information

### Catalog Number:

15790-1-AP

### Size:

150ul, Concentration: 700 ug/ml by Nanodrop and 273 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG8491

### GenBank Accession Number:

BC007014

### GeneID (NCBI):

25816

### UNIPROT ID:

O95379

### Full Name:

tumor necrosis factor, alpha-induced protein 8

### Calculated MW:

198 aa, 23 kDa

### Observed MW:

19-23 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IF, IHC

### Species Specificity:

human, mouse, rat

### Cited Species:

human, rat, mouse

### Positive Controls:

WB : K-562 cells, PC-13 cells, A549 cells, MOLT-4 cells

IHC : human lung cancer tissue, human tonsillitis tissue

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

TNFAIP8 (tumor necrosis factor, alpha-induced protein 8), also called SCC-52/GG2-1/NDED, is associated with enhanced cell survival and inhibition of apoptosis. The induction of TNFAIP8 by TNF depends on the activation of NFkB. TNFAIP8 suppresses the TNF-mediated apoptosis by inhibiting caspase-8 activity but not the processing of procaspase-8, subsequently resulting in inhibition of BID cleavage and caspase-3 activation. TNFAIP8 is expressed in adult spleen, lymph node, thymus, thyroid, bone marrow, and placenta, and in fetal liver, lung, and kidney at high levels, also expressed in various tumor tissues and all cancer cell lines tested. There are four major isoforms of TNFAIP8.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yoshihumi Ueda	36288730	Cell Chem Biol	WB
Suryakant Niture	33227392	Int J Biochem Cell Biol	WB
Xinhong Ge	33707587	Sci Rep	WB,IF

## 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

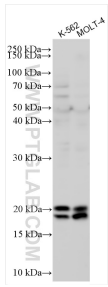
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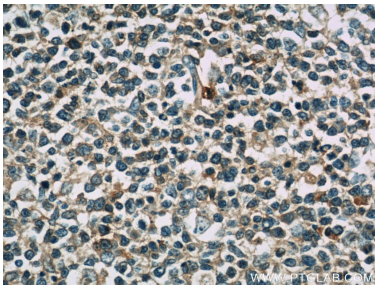
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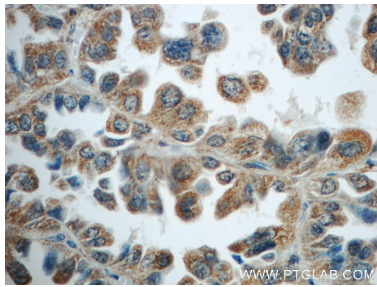
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15790-1-AP (TNFAIP8 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis slide using 15790-1-AP (TNFAIP8 Antibody) at dilution of 1:50.



Immunohistochemical analysis of paraffin-embedded human lung cancer slide using 15790-1-AP (TNFAIP8 Antibody) at dilution of 1:50.