

For Research Use Only

# TNFAIP8 Polyclonal antibody, PBS Only

Catalog Number: 15790-1-PBS

Featured Product



## Basic Information

Catalog Number:

15790-1-PBS

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

## Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

## 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 NF- $\kappa$ B. 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.

## Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

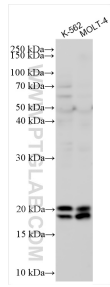
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

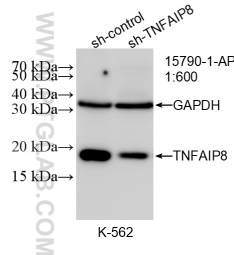
W: [ptgcn.com](http://ptgcn.com)

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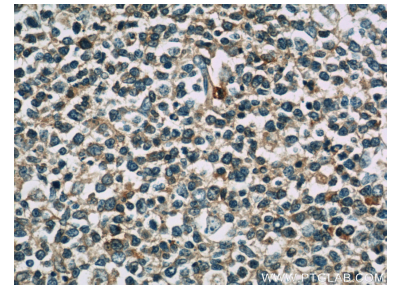
## Selected Validation Data



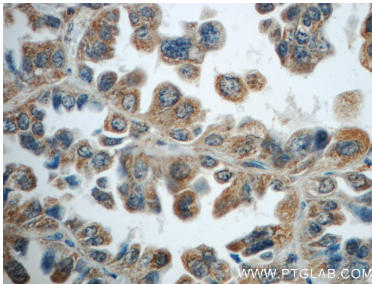
Various lysates were subjected to SDS PAGE followed by western blot with 15790-1-AP (TNFAIP8 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 15790-1-PBS in a different storage buffer formulation.



WB result of TNFAIP8 antibody (15790-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-TNFAIP8 transfected K-562 cells. This data was developed using the same antibody clone with 15790-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis slide using 15790-1-AP (TNFAIP8 Antibody) at dilution of 1:50. This data was developed using the same antibody clone with 15790-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung cancer slide using 15790-1-AP (TNFAIP8 Antibody) at dilution of 1:50. This data was developed using the same antibody clone with 15790-1-PBS in a different storage buffer formulation.