

For Research Use Only

TNFAIP8 Polyclonal antibody

Catalog Number: 15790-1-AP

Featured Product

16 Publications



Basic Information

Catalog Number: 15790-1-AP	GenBank Accession Number: BC007014	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 700 µg/ml by Nanodrop and 273 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 25816	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200
Source: Rabbit	Full Name: tumor necrosis factor, alpha-induced protein 8	
Isotype: IgG	Calculated MW: 198 aa, 23 kDa	
Immunogen Catalog Number: AG8491	Observed MW: 19-23 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

IF, IHC, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, mouse

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

Positive Controls:

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

IHC : human lung cancer tissue, human tonsillitis tissue

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 NFκB. 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

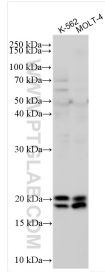
For technical support and original validation data for this product please contact:

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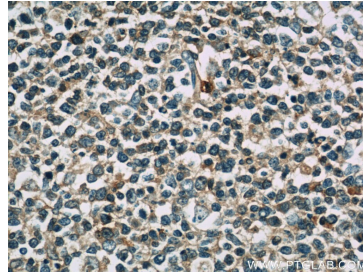
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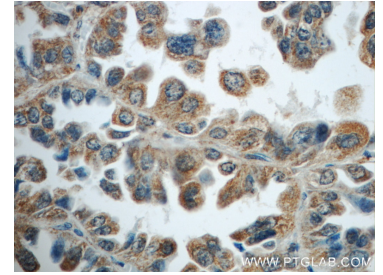
Selected Validation Data



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.