

For Research Use Only

TNFAIP1 Polyclonal antibody

Catalog Number: 15320-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

15320-1-AP

Size:

150ul, Concentration: 220 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0220

GenBank Accession Number:

BC001949

GeneID (NCBI):

7126

UNIPROT ID:

Q13829

Full Name:

tumor necrosis factor, alpha-induced protein 1 (endothelial)

Calculated MW:

36 kDa

Observed MW:

36 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:300-1:1000

IHC 1:20-1:200

IF/ICC 1:20-1:200

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, 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 : HeLa cells, L02 cells

IHC : human placenta tissue, human brain tissue

IF/ICC : HeLa cells,

Background Information

TNFAIP1 was identified as a human gene activated transcriptionally by tumour necrosis factor alpha in endothelial cells. It is encoded by a 3.5-kilobase transcript and its expression is found to be developmentally regulated in a tissue-specific manner. The open reading frame predicts a 316-amino acid sequence rich in charged residues, particularly at the carboxyl terminus.

Notable Publications

Author	Pubmed ID	Journal	Application
Junzhi Yi	32335808	Neurotox Res	WB
Wei Wang	38102610	Cell Commun Signal	WB
Zhang Xiaoting X	24179536	Oncol Lett	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

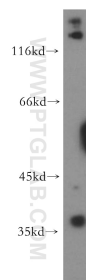
For technical support and original validation data for this product please contact:

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

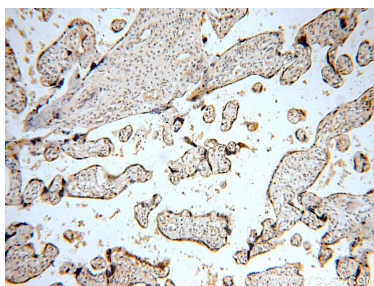
E: proteintech@ptglab.com
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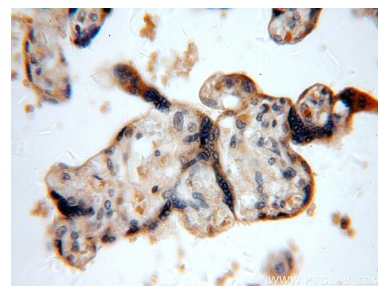
Selected Validation Data



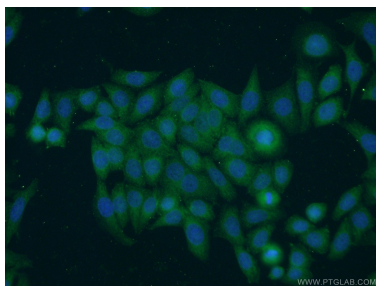
HeLa cells were subjected to SDS PAGE followed by western blot with 15320-1-AP (TNFAIP1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta using 15320-1-AP (TNFAIP1 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human placenta using 15320-1-AP (TNFAIP1 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HeLa cells using 15320-1-AP (TNFAIP1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).