

For Research Use Only

TIMP-4 Polyclonal antibody

Catalog Number: 12326-1-AP

8 Publications



Basic Information

Catalog Number:

12326-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2927

GenBank Accession Number:

BC010553

GeneID (NCBI):

7079

UNIPROT ID:

Q99727

Full Name:

TIMP metalloproteinase inhibitor 4

Calculated MW:

224 aa, 26 kDa

Observed MW:

30 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

IF/ICC 1:10-1:100

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IF

Species Specificity:

human

Cited Species:

human, mouse, rat

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 : fetal human brain tissue, BxPC-3 cells, HT-1080 cells, human heart tissue

IHC : human gliomas tissue, human heart tissue

IF/ICC : MCF-7 cells,

Notable Publications

Author	Pubmed ID	Journal	Application
Xiao-Xiao He	30219235	Biochem Biophys Res Commun	WB
Henrique Bregolin Dias	31509566	PLoS One	WB
Xiaoxiao He	32685465	Biomed Res Int	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

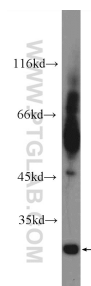
For technical support and original validation data for this product please contact:

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

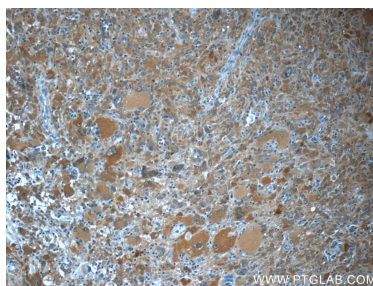
E: proteintech@ptglab.com
W: ptglab.com

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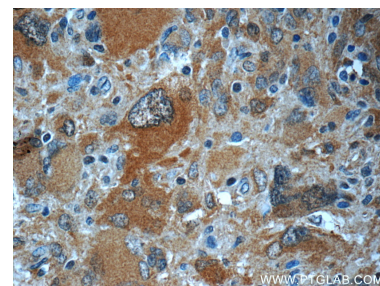
Selected Validation Data



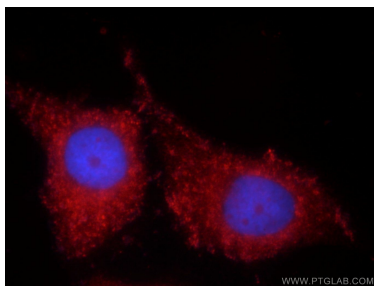
fetal human brain tissue were subjected to SDS PAGE followed by western blot with 12326-1-AP (TIMP-4 antibody at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 12326-1-AP (TIMP-4 antibody at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 12326-1-AP (TIMP-4 antibody at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of MCF-7 cells using 12326-1-AP (TIMP-4 antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.