

For Research Use Only

ADAM17 Polyclonal antibody

Catalog Number: 24620-1-AP

4 Publications



Basic Information

Catalog Number:

24620-1-AP

Size:

550 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18273

GenBank Accession Number:

BC136783

GeneID (NCBI):

6868

UNIPROT ID:

P78536

Full Name:

ADAM metalloproteinase domain 17

Calculated MW:

824 aa, 93 kDa

Observed MW:

75 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

Species Specificity:

human

Cited Species:

mouse, rat

Positive Controls:

WB : U-937 cells,

IHC : human pancreas cancer 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

The ADAMs (A Disintegrin And Metalloprotease) are multidomain transmembrane proteins. One of the first ADAMs implicated in membrane shedding is ADAM-17, which is shown to release the active form of tumor necrosis factor (TNF)-α from its precursor (PMID:18238782). ADAM17 is also named as CSVP, TACE. The full length protein has 9 glycosylation sites, a signal peptide, propeptide and 2 isoforms produced by alternative splicing. The 120-kDa form of ADAM-17 is expressed more frequently and at higher levels in primary breast carcinomas compared with normal breast tissue (PMID:17438092).

Notable Publications

Author	Pubmed ID	Journal	Application
Erik Klapproth	36496449	Nat Commun	WB
Hongtao Shi	34370360	Cell Biol Int	WB
Cheng-Kan Liu	38973142	FEBS J	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

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

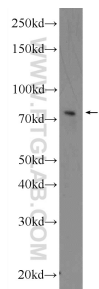
T: 4006900926

E: Proteintech-CN@ptglab.com

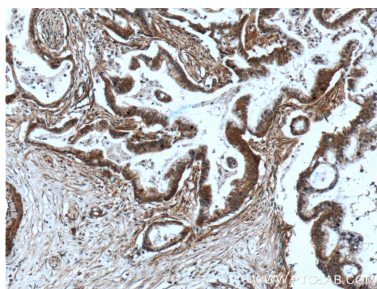
W: ptgcn.com

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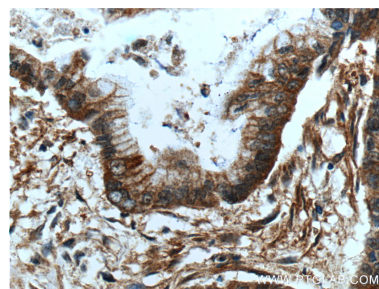
Selected Validation Data



U-937 cells were subjected to SDS PAGE followed by western blot with 24620-1-AP (ADAM17 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 24620-1-AP (ADAM17 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 24620-1-AP (ADAM17 Antibody) at dilution of 1:200 (under 40x lens).