

For Research Use Only

# ADAM17 Polyclonal antibody

Catalog Number: 29948-1-AP

4 Publications



## Basic Information

Catalog Number:

29948-1-AP

Size:

150ul, Concentration: 900 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32418

GenBank Accession Number:

BC136783

GeneID (NCBI):

6868

UNIPROT ID:

P78536

Full Name:

ADAM metalloproteinase domain 17

Calculated MW:

824 aa, 93 kDa

Observed MW:

90-110 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:16000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB: HUVEC cells, MCF-7 cells, SKOV-3 cells, RAW 264.7 cells

## 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)- $\alpha$  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
Shuang Sun	39117070	Arch Biochem Biophys	WB
Li-Mian Song	38948682	Cancer Manag Res	WB
Lindsey E Bazzone	38755212	Nat Commun	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

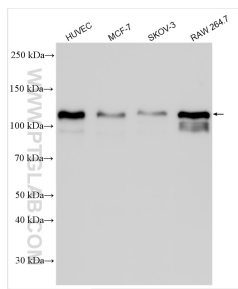
For technical support and original validation data for this product please contact:

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

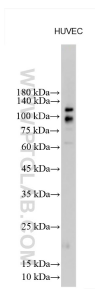
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29948-1-AP (ADAM17 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



HUVEC cells were subjected to SDS PAGE followed by western blot with 29948-1-AP (ADAM17 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.