

For Research Use Only

# ADAM15 Polyclonal antibody

Catalog Number: 27124-1-AP



## Basic Information

<b>Catalog Number:</b> 27124-1-AP	<b>GenBank Accession Number:</b> BC014566	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 150 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 8751	<b>Recommended Dilutions:</b> WB 1:500-1:3000
<b>Source:</b> Rabbit	<b>Full Name:</b> ADAM metalloproteinase domain 15	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 93 kDa	
<b>Immunogen Catalog Number:</b> AG25947	<b>Observed MW:</b> 70 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : A549 cells, HUVEC cells
<b>Species Specificity:</b> human	

## Background Information

ADAM15, a member of the ADAM (a disintegrin and metalloprotease) family, is a membrane protein containing both protease and adhesion domains and may be involved in tumor invasion and metastasis (PMID:15756594). It is also named as MDC15. ADAM15 is required for the activation of the FAK and Src pathways to generate apoptosis resistance in response to apoptotic signalling or cell stress (PMID: 11741929). ADAM15 is processed during epididymal maturation and acrosome reaction and that it may play a role during sperm-egg binding. Jurkat and testicular cells express the precursor ADAM15 of 110 kDa, as well as the ADAM15 processing form, consisting of about 75-85 kDa (PMID:18390692). ADAM15 has some isoforms with the calculated molecular mass of 55-92 kDa.

## Storage

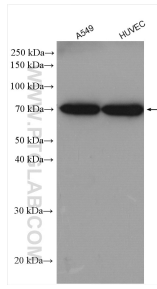
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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



Various lysates were subjected to SDS PAGE followed by western blot with 27124-1-AP (ADAM15 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.