

For Research Use Only

ADAM15 Polyclonal antibody

Catalog Number: 27124-1-AP



Basic Information

Catalog Number: 27124-1-AP	GenBank Accession Number: BC014566	Purification Method: Antigen affinity purification
Size: 150 µg/ml	GeneID (NCBI): 8751	Recommended Dilutions: WB 1:500-1:3000
Source: Rabbit	UNIPROT ID: Q13444	
Isotype: IgG	Full Name: ADAM metalloproteinase domain 15	
Immunogen Catalog Number: AG25947	Calculated MW: 93 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A549 cells, HUVEC cells
Species Specificity: 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

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

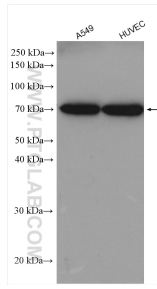
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Selected Validation Data



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.