

For Research Use Only

ADAM20 Polyclonal antibody

Catalog Number: 20755-1-AP



Basic Information

Catalog Number: 20755-1-AP	GenBank Accession Number: BC025378	Purification Method: Antigen affinity purification
Size: 500 µg/ml	GeneID (NCBI): 8748	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: O43506	
Isotype: IgG	Full Name: ADAM metalloproteinase domain 20	
Immunogen Catalog Number: AG14493	Calculated MW: 776 aa, 87 kDa	
	Observed MW: 70-80 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, PC-3 cells, mouse brain tissue
Species Specificity: human, mouse	

Background Information

ADAM20 is the functional equivalent of sperm fertilin-alpha (ADAM1), since that gene is nonfunctional in human. And northern blot analysis detected the 2.8-kb ADAM20 mRNA only in testis. The exclusive expression of ADAM20 in human testis and their sequence similarity with the fertilins suggest that it is expressed on sperm cells and involved in sperm maturation and/or fertilization(PMID:9469942). The full length protein has a signal peptide, propeptide and 6 glycosylation sites.

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:

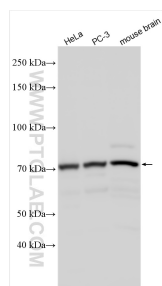
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20755-1-AP (ADAM20 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.