

For Research Use Only

ADAM21 Polyclonal antibody, PBS Only

Catalog Number: 21434-1-PBS



Basic Information

Catalog Number: 21434-1-PBS	GenBank Accession Number: BC109024	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 8747	
Source: Rabbit	UNIPROT ID: Q9UIK8	
Isotype: IgG	Full Name: ADAM metallopeptidase domain 21	
Immunogen Catalog Number: AG16042	Calculated MW: 722 aa, 81 kDa	
	Observed MW: 100 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

ADAM21 is also present in growing axonal tracts during postnatal development and in growing primary olfactory axons in adults. In the olfactory nerve layer, ADAM21 often, but not always, colocalizes with OMP, a marker of mature olfactory neurons, but is not colocalized with the immature marker β III-tubulin. The exclusive expression of ADAM21 in human testis and its sequence similarity with the fertilins suggest that it is also expressed on sperm cells and involved in sperm maturation and/or fertilization(PMID:9469942).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

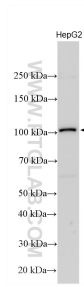
For technical support and original validation data for this product please contact:

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Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 21434-1-AP (ADAM21 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 21434-1-PBS in a different storage buffer formulation.