

For Research Use Only

ADAM11 Polyclonal antibody

Catalog Number:32970-1-AP



Basic Information

Catalog Number: 32970-1-AP	GenBank Accession Number: NM_001318933	Purification Method: Antigen affinity Purification
Source: Rabbit	GeneID (NCBI): 4185	Recommended Dilutions: WB: 1:500-1:1000
Isotype: IgG	UNIPROT ID: O75078	IHC: 1:50-1:500 IF/ICC: 1:200-1:800
Immunogen Catalog Number: AG35877	Full Name: ADAM metallopeptidase domain 11	
	Calculated MW: 83kDa	
	Observed MW: 83 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : rat brain tissue, rat cerebellum tissue

IHC : mouse lung tissue,

IF/ICC : NIH/3T3 cells,

Background Information

ADAM11 (A Disintegrin And Metalloprotease 11) is a non-catalytic, transmembrane member of the ADAM family. Although it retains the prototypical multi-domain architecture (signal peptide pro domain metalloprotease-like disintegrin cysteine-rich EGF-like TM cytoplasmic tail), it lacks the consensus HEXGHXXGXXHD zinc-binding motif, rendering it proteolytically inactive. Instead, ADAM11 functions as a cell-adhesion and signalling scaffold. (PMID: 31236626)

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

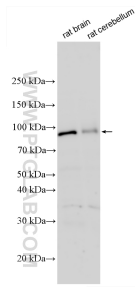
T: 4006900926

E: Proteintech-CN@ptglab.com

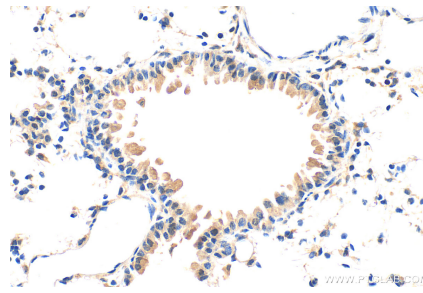
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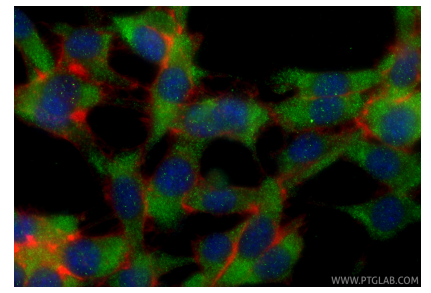
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32970-1-AP (ADAM11 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 32970-1-AP (ADAM11 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed NIH/3T3 cells using ADAM11 antibody (32970-1-AP) at dilution of 1:400 and Coralite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).