

For Research Use Only

ADAM11 Polyclonal antibody, PBS Only

Catalog Number: 32970-1-PBS



Basic Information

Catalog Number:

32970-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35877

GenBank Accession Number:

NM_001318933

GeneID (NCBI):

4185

UNIPROT ID:

O75078

Full Name:

ADAM metalloproteinase domain 11

Calculated MW:

83kDa

Observed MW:

83 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

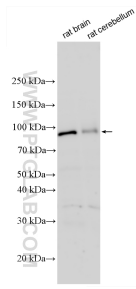
T: 4006900926

E: Proteintech-CN@ptglab.com

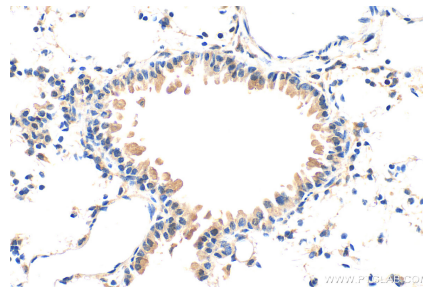
W: ptgcn.com

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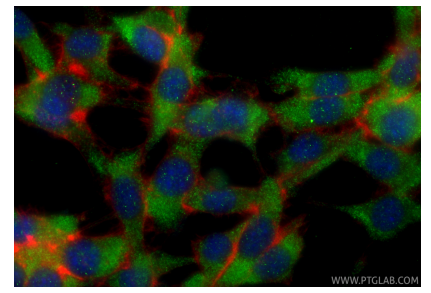
Selected Validation Data



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. This data was developed using the same antibody clone with 32970-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 32970-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 32970-1-PBS in a different storage buffer formulation.