

For Research Use Only

EPN2 Polyclonal antibody

Catalog Number: 31334-1-AP



Basic Information

Catalog Number: 31334-1-AP	GenBank Accession Number: BC093972	Purification Method: Antigen affinity Purification
Concentration: 550 ug/ml	GeneID (NCBI): 22905	Recommended Dilutions: WB 1:2000-1:12000
Source: Rabbit	UNIPROT ID: O95208	IHC 1:50-1:500
Isotype: IgG	Full Name: epsin 2	IF/ICC 1:200-1:800
Immunogen Catalog Number: AG35194	Calculated MW: 584 aa, 62 kDa	
	Observed MW: 68 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : HEK-293T cells, HepG2 cells, SH-SY5Y cells
Species Specificity: human	IHC : mouse lung tissue,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IF/ICC : HepG2 cells,

Background Information

EPN2 (EPS 15 interacting protein 2) is a protein that interacts with clathrin and adaptor-related protein complex 2, alpha 1 subunit. EPN2 is found in a brain-derived clathrin-coated vesicle fraction and localizes to the peri-Golgi region and the cell periphery.

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:

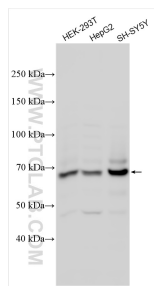
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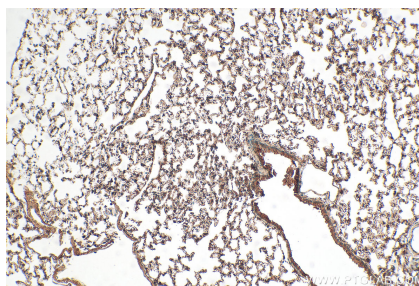
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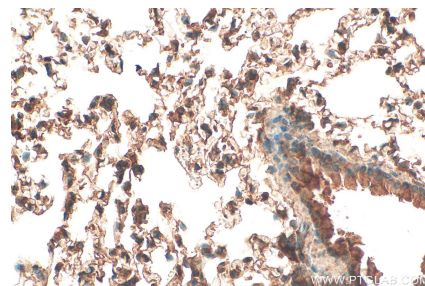
Selected Validation Data



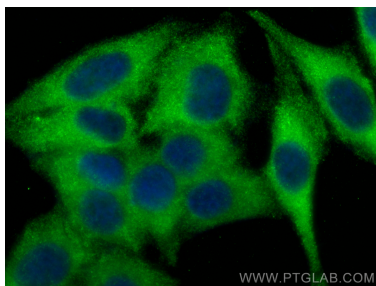
Various lysates were subjected to SDS PAGE followed by western blot with 31334-1-AP (EPN2 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 31334-1-AP (EPN2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 31334-1-AP (EPN2 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 HepG2 cells using EPN2 antibody (31334-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).