

For Research Use Only

# EPN2 Recombinant antibody

Catalog Number: 84366-5-RR



## Basic Information

<b>Catalog Number:</b> 84366-5-RR	<b>GenBank Accession Number:</b> BC093972	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 22905	<b>CloneNo.:</b> 241634F12
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O95208	<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IHC 1:50-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> epsin 2	
<b>Immunogen Catalog Number:</b> AG35194	<b>Calculated MW:</b> 584 aa, 62 kDa	
	<b>Observed MW:</b> 62 kDa	

## Applications

### Tested Applications:

WB, IHC, ELISA

### Species Specificity:

human, mouse

**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 : HEK-293T cells, SH-SY5Y cells, HepG2 cells, U2OS cells, PC-3 cells, MDA-MB-231 cells, NIH/3T3 cells

IHC : mouse lung tissue,

## 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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

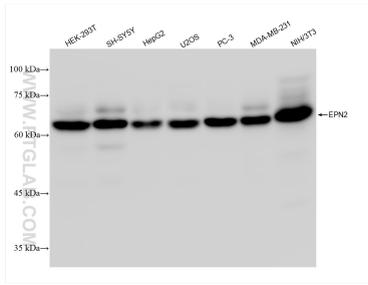
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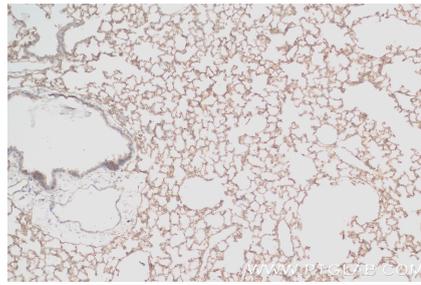
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84366-5-RR (EPN2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 84366-5-RR (EPN2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).