

For Research Use Only

# SNX15 Polyclonal antibody

Catalog Number: 16049-1-AP

Featured Product



## Basic Information

Catalog Number:

16049-1-AP

Concentration:

400 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9006

GenBank Accession Number:

BC009897

GeneID (NCBI):

29907

UNIPROT ID:

Q9NRS6

Full Name:

sorting nexin 15

Calculated MW:

342 aa, 38 kDa

Observed MW:

40-50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IHC 1:50-1:500

## Applications

Tested Applications:

WB, IHC, 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** : HeLa cells, COLO 320 cells, human testis tissue, SH-SY5Y cells, mouse brain tissue, mouse lung tissue, rat brain tissue

**IHC** : mouse kidney tissue,

## Background Information

SNX15 belongs to the sorting nexin family and is involved in several stages of intracellular trafficking. Overexpression of SNX15 results in a decrease in the processing of insulin and hepatocyte growth factor receptors to their mature subunits (PMID: 11085978). SNX15 is widely expressed, with the highest expression in skeletal muscle, heart, brain, kidney, spleen, thymus, and small intestine.

## 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:

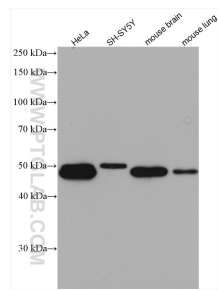
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

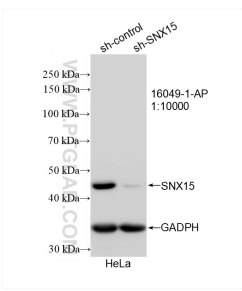
W: [ptgcn.com](http://ptgcn.com)

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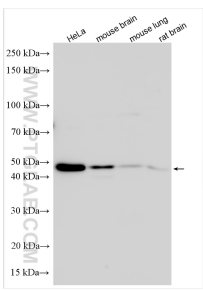
Selected Validation Data



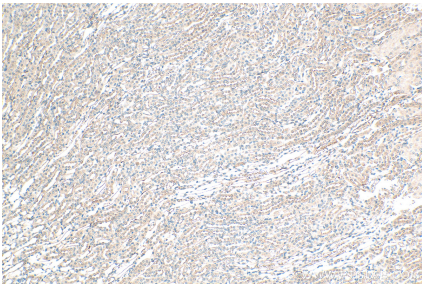
Various lysates were subjected to SDS PAGE followed by western blot with 16049-1-AP (SNX15 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



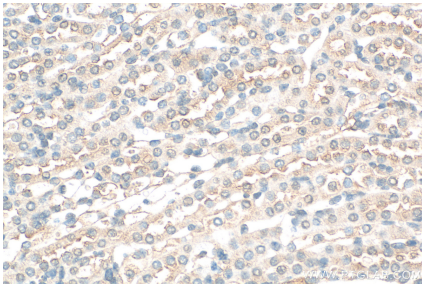
WB result of SNX15 antibody (16049-1-AP; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SNX15 transfected HeLa cells.



Various lysates were subjected to SDS PAGE followed by western blot with 16049-1-AP (SNX15 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 16049-1-AP (SNX15 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 kidney tissue slide using 16049-1-AP (SNX15 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).