For Research Use Only

SNX17 Polyclonal antibody

Catalog Number:10275-1-AP Featured Product 26 Publications

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Basic Information

Catalog Number:
10275-1-AP

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG0355

GenBank Accession Number:
BC002524

GeneID (NCBI):
9784

UNIPROT ID:
Q15036

Full Name:
sorting nexin 17

Calculated MW:
53 kDa

Observed MW:
50 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB: 1:5000-1:50000
IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
IHC: 1:500-1:2000

Applications

Tested Applications:
WB, IHC, IP, ELISA

Cited Applications:
WB, IF, IP

Species Specificity:
human, mouse

Cited Species:
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 : K-562 cells, HeLa cells, human brain tissue, mouse skin tissue, mouse brain tissue, mouse cerebellum tissue, RAW 264.7 cells, SK-N-SH cells, SH-SY5Y cells

IP : HeLa cells,

IHC : mouse brain tissue,

Background Information

Sorting nexin 17 (SNX17, synonym: KIAA0064) is a member of the sorting nexin family. Members of this family contain a phox (PX) domain, which is a phosphoinositide binding domain, and are involved in intracellular trafficking. SNX17 does not contain a coiled-coil region, like some family members, but contains a B41 domain. This protein interacts with the cytoplasmic domain of P-selectin and may function in the intracellular trafficking of P-selectin.

Notable Publications

Author	Pubmed ID	Journal	Application
Kerrie E McNally	28892079	Nat Cell Biol	WB
Xiaoxiao He	36311763	Front Immunol	WB,IP
Rachel Curnock	31694921	J Cell Biol	WB

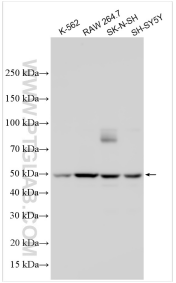
Storage

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

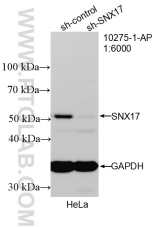
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

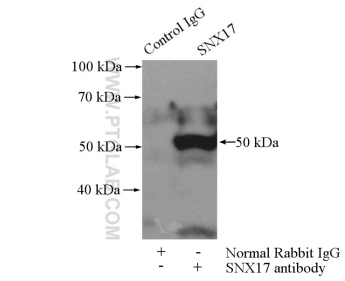
Selected Validation Data



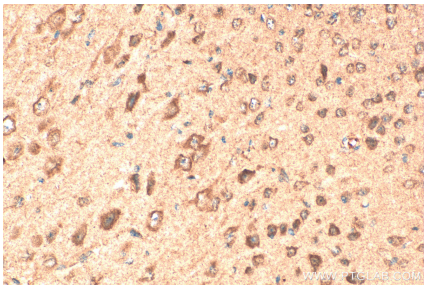
Various lysates were subjected to SDS PAGE followed by western blot with 10275-1-AP (SNX17 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



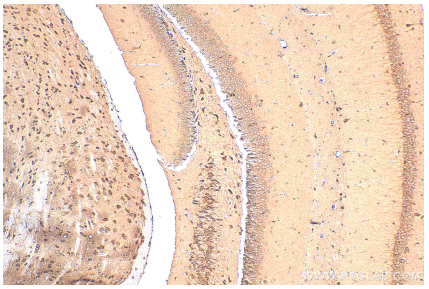
WB result of SNX17 antibody (10275-1-AP; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SNX17 transfected HeLa cells.



IP result of anti-SNX17 (IP:10275-1-AP, 4ug; Detection:10275-1-AP 1:1000) with HeLa cells lysate 1200ug.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 10275-1-AP (SNX17 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 10275-1-AP (SNX17 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).