

For Research Use Only

SNX10 Polyclonal antibody

Catalog Number: 26727-1-AP



Basic Information

Catalog Number:

26727-1-AP

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24977

GenBank Accession Number:

BC034992

GeneID (NCBI):

29887

UNIPROT ID:

Q9Y5X0

Full Name:

sorting nexin 10

Calculated MW:

201 aa, 24 kDa

Observed MW:

25 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

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 : mouse brain tissue, rat brain tissue

IHC : human pancreas cancer tissue,

Background Information

Sorting nexins are a diverse group of cytoplasmic and membrane-associated proteins classified by the presence of a phospholipid-binding motif PX domain (PMID:12461558). They are involved in endocytosis and protein trafficking. Mutations in SNX10 (Sorting nexin-10) have been found to account for approximately 4% of all human autosomal recessive osteopetrosis (ARO) that is a genetically heterogeneous disorder caused by reduced bone resorption by osteoclasts (PMID: 23280965; PMID: 28592808).

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

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

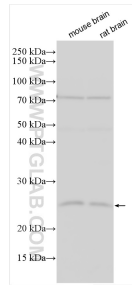
T: 4006900926

E: Proteintech-CN@ptglab.com

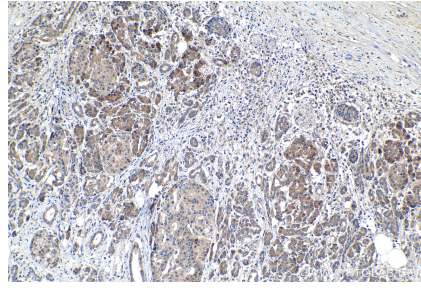
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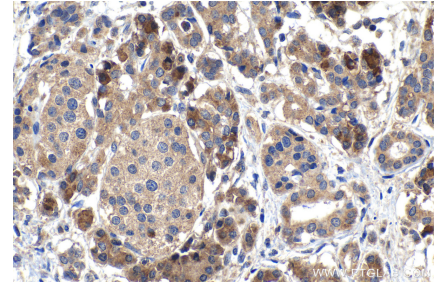
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26727-1-AP (SNX10 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 26727-1-AP (SNX10 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 human pancreas cancer tissue slide using 26727-1-AP (SNX10 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).