

For Research Use Only

SNX10 Polyclonal antibody

Catalog Number: 26727-1-AP



Basic Information

Catalog Number: 26727-1-AP	GenBank Accession Number: BC034992	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 29887	Recommended Dilutions: WB 1:1000-1:8000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9Y5X0	
Isotype: IgG	Full Name: sorting nexin 10	
Immunogen Catalog Number: AG24977	Calculated MW: 201 aa, 24 kDa	
	Observed MW: 25 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : mouse brain tissue, rat brain tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	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

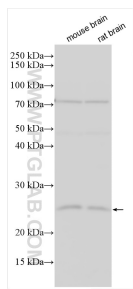
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

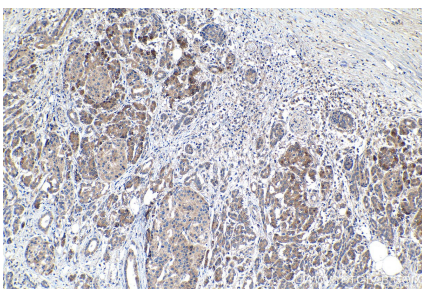
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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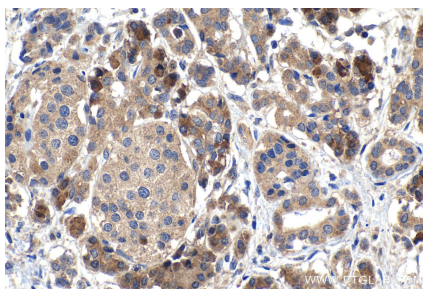
Selected Validation Data



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).