

For Research Use Only

SLC30A2 Monoclonal antibody, PBS Only



Catalog Number: 67993-1-PBS

Basic Information

Catalog Number: 67993-1-PBS	GenBank Accession Number: BC006251	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 7780	CloneNo.: 1D9E5
Source: Mouse	UNIPROT ID: Q9BRI3	
Isotype: IgG1	Full Name: solute carrier family 30 (zinc transporter), member 2	
Immunogen Catalog Number: AG8232	Calculated MW: 323 aa, 35 kDa	
	Observed MW: 41 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
Human, Mouse

Background Information

SLC30A2, also named as the Zn transporter 2 gene (ZnT2), belongs to the cation diffusion facilitator (CDF) transporter (TC 2.A.4) family and SLC30A subfamily. It plays a role in the zinc ion transmembrane transport. Expression of SLC30A2 is restricted to secretory cells, such as acinar pancreatic cells, prostate epithelial cells, placental trophoblasts, Paneth cells, and mammary epithelial cells (MECs). SLC30A2 consists of six transmembrane domains with cytoplasmic N- and C-termini that contain numerous regulatory domains, and functions as a homo- or hetero- dimer to transport Zn into vesicles (PMID: 29476070). SLC30A2 has 2 isoforms with the molecular mass of 35 and 41 kDa.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

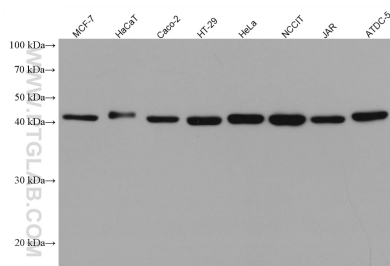
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

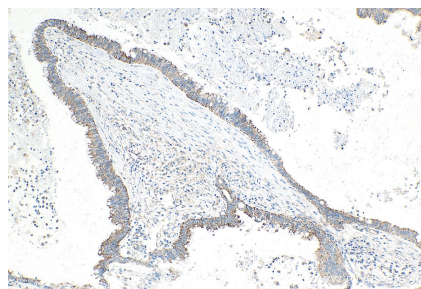
E: proteintech@ptglab.com
W: ptglab.com

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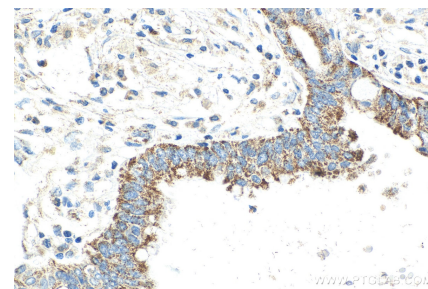
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67993-1-Ig (SLC30A2 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67993-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 67993-1-Ig (SLC30A2 antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67993-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 67993-1-Ig (SLC30A2 antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67993-1-PBS in a different storage buffer formulation.