

For Research Use Only

SLC30A2 Monoclonal antibody, PBS Only



Catalog Number: 67993-1-PBS

Basic Information

Catalog Number:

67993-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG8232

GenBank Accession Number:

BC006251

GeneID (NCBI):

7780

UNIPROT ID:

Q9BRI3

Full Name:

solute carrier family 30 (zinc transporter), member 2

Calculated MW:

323 aa, 35 kDa

Observed MW:

41 kDa

Purification Method:

Protein G purification

CloneNo.:

1D9E5

Applications

Tested Applications:

WB, Indirect ELISA, IHC

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

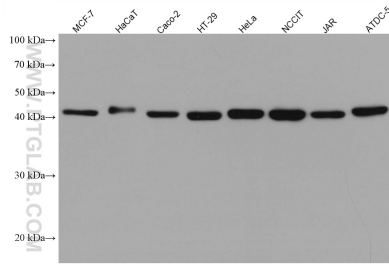
T: 4006900926

E: Proteintech-CN@ptglab.com

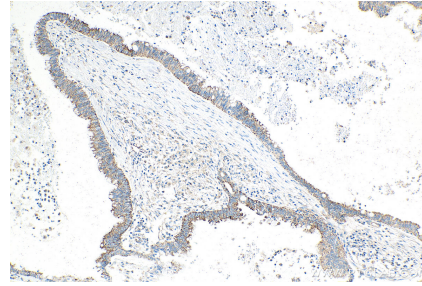
W: ptgcn.com

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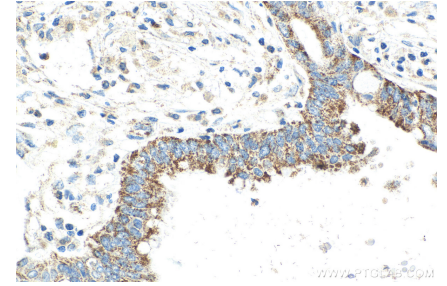
Selected Validation Data



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.