

For Research Use Only

SLC25A13 Polyclonal antibody, PBS Only

Catalog Number: 10789-1-PBS



Basic Information

Catalog Number:

10789-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1242

GenBank Accession Number:

BC006566

GeneID (NCBI):

10165

UNIPROT ID:

Q9UJ50

Full Name:

solute carrier family 25, member 13 (citrin)

Calculated MW:

74 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

IHC, IF/ICC, Indirect ELISA

Species Specificity:

human

Background Information

SLC25A13, also known as citrin, has been identified as a mitochondrial aspartate-glutamate carrier protein and may be implicated in metabolic compartmentation. It consists of 675 amino acid residues and harbors four EF-hands and six mitochondrial transmembranous (TM) spanners. Mutations in SLC25A13 gene cause adult-onset type II citrullinemia (CTLN2) and neonatal intrahepatic cholestasis (NICCD). The complete deletion or cleaved SLC25A13 proteins have been reported in patients with SLC25A13 mutation.

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, pH7.3

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

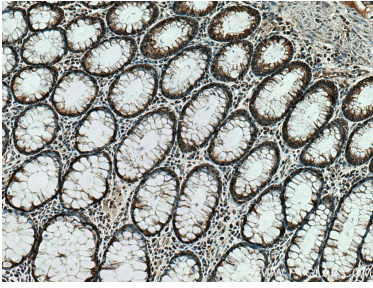
T: 4006900926

E: Proteintech-CN@ptglab.com

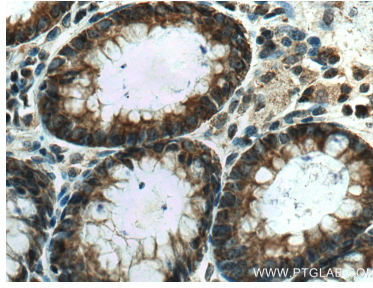
W: ptgcn.com

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

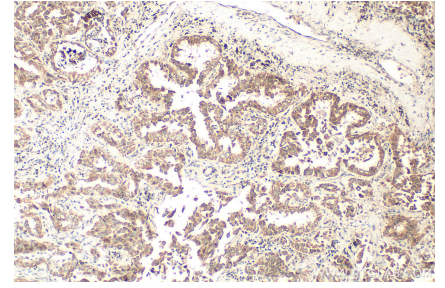
Selected Validation Data



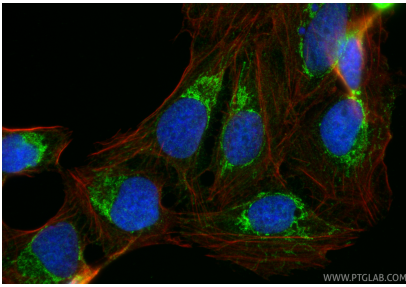
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10789-1-AP (SLC25A13 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 10789-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10789-1-AP (SLC25A13 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 10789-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 10789-1-AP (SLC25A13 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 10789-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using SLC25A13 antibody (10789-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red). This data was developed using the same antibody clone with 10789-1-PBS in a different storage buffer formulation.