For Research Use Only

SLC2A10 Polyclonal antibody

Catalog Number:20405-1-AP

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
20405-1-AP

Size:
150ul , Concentration: 450 ug/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG14210

GenBank Accession Number:
BC101657

GeneID (NCBI):
81031

UNIPROT ID:
O95528

Full Name:
solute carrier family 2 (facilitated glucose transporter), member 10

Calculated MW:
541 aa, 57 kDa

Observed MW:
57-66 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:1000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse

Positive Controls:

WB : Jurkat cells,

Background Information

SLC2A10, also known as GLUT10, is a facilitative glucose transporter. It has been shown to be located in mitochondria, the nuclear envelope and the endoplasmic reticulum (ER) (PMID: 32307537). SLC2A10 is involved in the regulation of glucose homeostasis. Arterial Tortuosity Syndrome (ATS) is a rare autosomal recessive connective tissue disorder caused by mutations in the human SLC2A10 gene (PMID: 21553381).

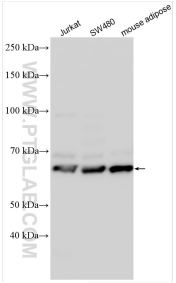
Storage

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
W: ptglab.com

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20405-1-AP (SLC2A10 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.