

For Research Use Only

SLC25A1 Recombinant antibody, PBS Only

Catalog Number: 84696-1-PBS

Featured Product



Basic Information

Catalog Number:

84696-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC004980

GeneID (NCBI):

6576

UNIPROT ID:

P53007

Full Name:

solute carrier family 25 (mitochondrial carrier; citrate transporter), member 1

Calculated MW:

34 kDa

Observed MW:

30 kDa

Purification Method:

Protein A purification

CloneNo.:

241931G11

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

SLC25A1, also known as CIC or CTP, is a mitochondrial citrate transporter that exports citrate from the mitochondria to the cytosol. SLC25A1 is highly expressed in several tumor types. Recently it has been identified as a novel transcriptional target of mutant p53 and a negative tumor prognostic marker. In addition, defects in SLC25A1 have been found as a cause of combined D-2- and L-2-hydroxyglutaric aciduria. (PMID: 24681808, 23561848)

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

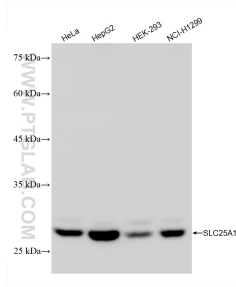
For technical support and original validation data for this product please contact:

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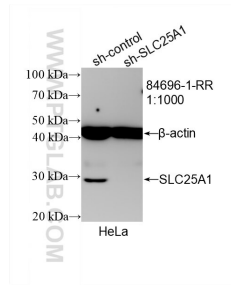
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84696-1-RR (SLC25A1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84696-1-PBS in a different storage buffer formulation.



WB result of SLC25A1 antibody (84696-1-RR; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SLC25A1 transfected HeLa cells. This data was developed using the same antibody clone with 84696-1-PBS in a different storage buffer formulation.