

For Research Use Only

SLC25A24 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 86635-1-PBS



Basic Information

Catalog Number: 86635-1-PBS	GenBank Accession Number: BC068561	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 29957	CloneNo.: 251563C10
Isotype: IgG	UNIPROT ID: Q6NUK1	
Immunogen Catalog Number: AG6334	Full Name: solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 24	
	Calculated MW: 53 kDa	
	Observed MW: 48 kDa	

Applications

Tested Applications:
WB, IHC, Sandwich ELISA, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

SLC25A24 (solute carrier family 25 member 24) is a gene encoding a mitochondrial ATP-Mg/phosphate transporter. It belongs to the mitochondrial carrier protein family and is mainly involved in mitochondrial energy metabolism and calcium signal regulation.

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:

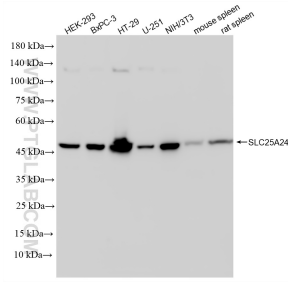
T: 4006900926

E: Proteintech-CN@ptglab.com

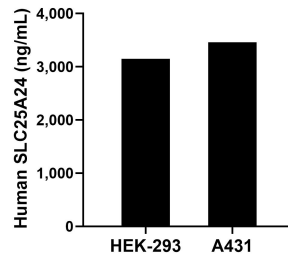
W: ptgcn.com

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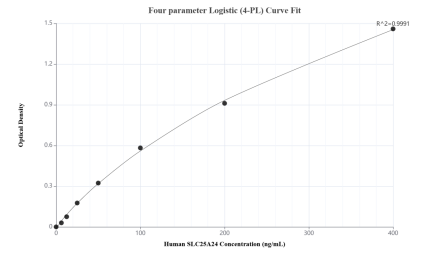
Selected Validation Data



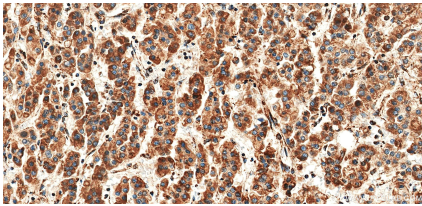
Various lysates were subjected to SDS PAGE followed by western blot with 86635-1-RR (SLC25A24 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86635-1-PBS in a different storage buffer formulation.



The mean SLC25A24 concentration was determined to be 3,148.64 ng/mL in HEK-293 cell extract based on a 1.20 mg/mL extract load and 3,459.34 ng/mL in A431 cell extract based on a 1.20 mg/mL extract load.



Sandwich ELISA standard curve of MP02724-1, Human SLC25A24 Recombinant Matched Antibody Pair - PBS only. 86635-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag6334. 86635-1-PBS was HRP conjugated as the detection antibody. Range: 6.25-400 ng/mL.



Immunohistochemical analysis of paraffin-embedded Human Hepatocellular cancer slide using 86635-1-RR (SLC25A24 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86635-1-PBS in a different storage buffer formulation.