

For Research Use Only

SLC25A41 Polyclonal antibody

Catalog Number: 17437-1-AP



Basic Information

Catalog Number: 17437-1-AP	GenBank Accession Number: BC031671	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop;	GeneID (NCBI): 284427	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q8N5S1	
Isotype: IgG	Full Name: solute carrier family 25, member 41	
Immunogen Catalog Number: AG11508	Calculated MW: 251 aa, 28 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human liver tissue,
Species Specificity: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Solute carrier family 25 member 41 (SLC25A41), also known as SCaMC-3-like, belongs to the mitochondrial carrier (TC 2.A.29) family. SLC25A41 lacks the Ca²⁺-binding N-extension. SLC25A41 represents a novel mechanism involved in adenine nucleotide transport across the inner mitochondrial membrane different to ADP/ATP translocases or long SCaMC paralogues (PMID: 18928449).

Storage

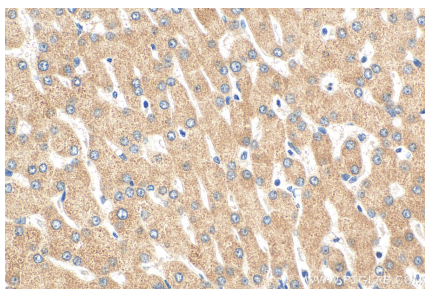
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 17437-1-AP (SLC25A41 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).