

# SLC25A17 Monoclonal antibody

Catalog Number: 67635-1-Ig

## Basic Information

Catalog Number:

67635-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG24456

GenBank Accession Number:

BC012998

GeneID (NCBI):

10478

UNIPROT ID:

O43808

Full Name:

solute carrier family 25  
(mitochondrial carrier; peroxisomal  
membrane protein, 34kDa), member  
17

Calculated MW:

307 aa, 35 kDa

Observed MW:

35 kDa

Purification Method:

Protein A purification

CloneNo.:

2D1D2

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:500-1:2000

## Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

Human, Mouse

**Note-IHC: suggested antigen retrieval with  
TE buffer pH 9.0; (\*) Alternatively, antigen  
retrieval may be performed with citrate  
buffer pH 6.0**

Positive Controls:

WB : MCF-7 cells, U2OS cells, A549 cells, HeLa cells,  
HepG2 cells, K-562 cells, Jurkat cells

IHC : human liver cancer tissue, human liver tissue,  
mouse liver tissue

## Background Information

SLC25A17 (solute carrier family 25 member 17), is a kind of peroxisomal transporter for multiple cofactors such as CoA, FAD, FMN and AMP. It may catalyze the transport of free CoA, FAD and NAD<sup>+</sup> from the cytosol into the peroxisomal matrix by a counter-exchange mechanism. SLC25A17 is the only member of the mitochondrial carrier family localized to peroxisomal. (PMID: 22185573, 32266253)

## 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

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

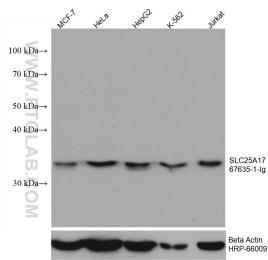
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

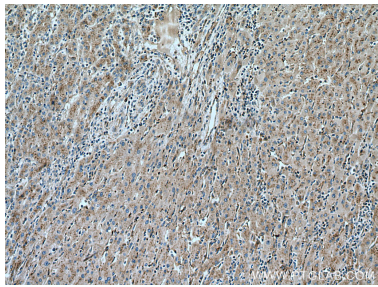
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67635-1-Ig (SLC25A17 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67635-1-Ig (SLC25A17 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).