

For Research Use Only

DNAJC11 Polyclonal antibody

Catalog Number: 17331-1-AP

3 Publications



Basic Information

Catalog Number:

17331-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11310

GenBank Accession Number:

BC014145

GeneID (NCBI):

55735

UNIPROT ID:

Q9NVH1

Full Name:

DnaJ (Hsp40) homolog, subfamily C, member 11

Calculated MW:

507 aa, 57 kDa

Observed MW:

63 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

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 : A549 cells, HeLa cells, SH-SY5Y cells, HepG2 cells, mouse liver tissue

IHC : human liver tissue, human skeletal muscle tissue, mouse brain tissue

Background Information

DNAJC11 is a member of the J proteins also known as HSP40 family of co-chaperones. Recently DNAJC11 has been found to interact with mitofilin, a mitochondrial inner membrane protein, indicating that it may be a molecular chaperone during mitochondrial protein import and folding.

Notable Publications

Author	Pubmed ID	Journal	Application
Foteini Violitzi	31550165	J Proteome Res	WB
Fotis Ioakeimidis	25111180	PLoS One	WB
Elias Adriaenssens	36690850	Nat Cell Biol	WB

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

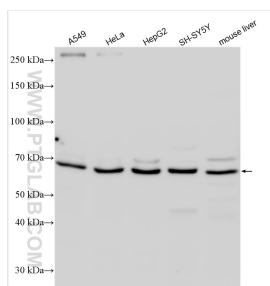
For technical support and original validation data for this product please contact:

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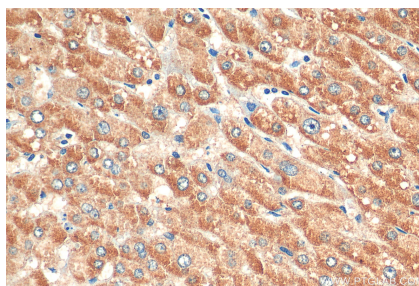
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17331-1-AP (DNAJC11 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 17331-1-AP (DNAJC11 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).