

# DNAJC11 Polyclonal antibody

Catalog Number: 17331-1-AP

3 Publications

## Basic Information

## Catalog Number:

17331-1-AP

## Size:

600 µg/ml

## 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:

IHC, WB, 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

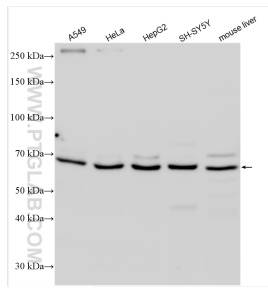
For technical support and original validation data for this product please contact:

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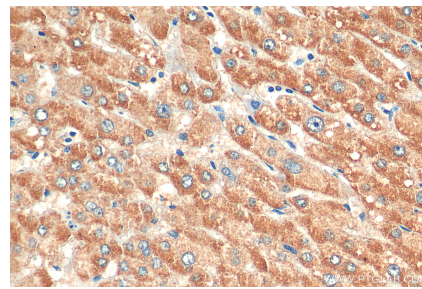
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## Selected Validation Data



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).