

For Research Use Only

# DNAJC11 Polyclonal antibody

Catalog Number: 17331-1-AP **3 Publications**



## Basic Information

<b>Catalog Number:</b> 17331-1-AP	<b>GenBank Accession Number:</b> BC014145	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 600 µg/ml	<b>GeneID (NCBI):</b> 55735	<b>Recommended Dilutions:</b> WB 1:1000-1:4000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9NVH1	
<b>Isotype:</b> IgG	<b>Full Name:</b> DnaJ (Hsp40) homolog, subfamily C, member 11	
<b>Immunogen Catalog Number:</b> AG11310	<b>Calculated MW:</b> 507 aa, 57 kDa	
	<b>Observed MW:</b> 63 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB	<b>WB:</b> A549 cells, HeLa cells, SH-SY5Y cells, HepG2 cells, mouse liver tissue
<b>Species Specificity:</b> human, mouse, rat	<b>IHC:</b> human liver tissue, human skeletal muscle tissue, mouse brain tissue
<b>Cited Species:</b> human, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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

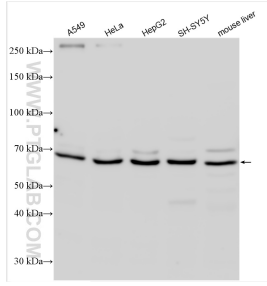
## Storage

**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

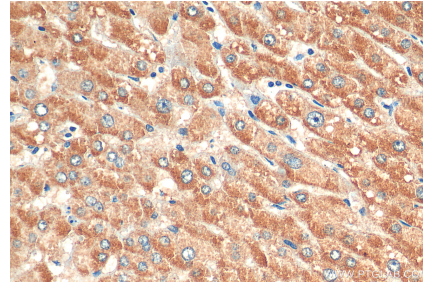
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## Selected Validation Data



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).