

For Research Use Only

# DNAJB4 Polyclonal antibody

Catalog Number: 13064-1-AP **3 Publications**



## Basic Information

<b>Catalog Number:</b> 13064-1-AP	<b>GenBank Accession Number:</b> BC034721	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 750 µg/ml by Nanodrop and 447 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 11080	<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IP 0.5-4.0 ug for IP and 1:1000-1:4000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> DnaJ (Hsp40) homolog, subfamily B, member 4	<b>IHC 1:20-1:200</b> <b>IF 1:20-1:200</b>
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 38 kDa	
<b>Immunogen Catalog Number:</b> AG3756	<b>Observed MW:</b> 38 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, IP, WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, mouse serum, mouse skeletal muscle, rat skeletal muscle
<b>Cited Applications:</b> IHC, WB	<b>IP :</b> HeLa cells,
<b>Species Specificity:</b> human, mouse, rat	<b>IHC :</b> human pancreas cancer tissue,
<b>Cited Species:</b> human, mouse	<b>IF :</b> MCF-7 cells,

**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

### Notable Publications

Author	Pubmed ID	Journal	Application
Man-Chen Hsu	35216179	Int J Mol Sci	WB
Tolga Acun	28481734	OMICS	WB
Yong Liu	24696714	Int J Clin Exp Pathol	WB, IHC

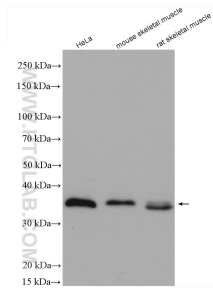
## Storage

**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

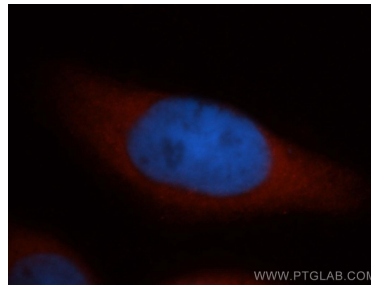
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

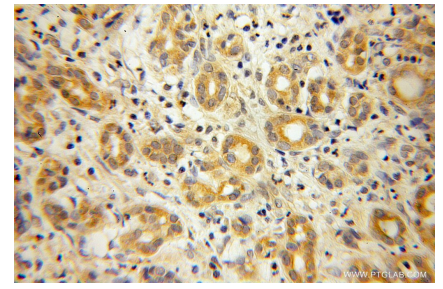
## Selected Validation Data



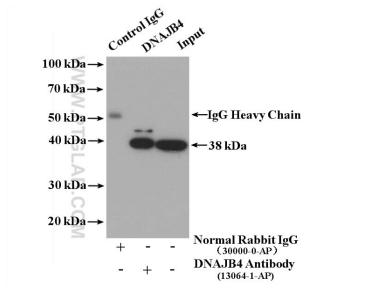
Various lysates were subjected to SDS PAGE followed by western blot with 13064-1-AP (DNAJB4 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of MCF-7 cells, using DNAJB4 antibody 13064-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer using 13064-1-AP (DNAJB4 antibody) at dilution of 1:100 (under 40x lens).



IP result of anti-DNAJB4 (IP:13064-1-AP, 4ug; Detection:13064-1-AP 1:2000) with HeLa cells lysate 2600 ug.