

For Research Use Only

# DNAJA1 Monoclonal antibody, PBS Only

Catalog Number: 67184-1-PBS

Featured Product



## Basic Information

### Catalog Number:

67184-1-PBS

### Size:

100ug, Concentration: 1mg/ml by Nanodrop;

### Source:

Mouse

### Isotype:

IgM

### Immunogen Catalog Number:

AG2284

### GenBank Accession Number:

BC008182

### GeneID (NCBI):

3301

### UNIPROT ID:

P31689

### Full Name:

DnaJ (Hsp40) homolog, subfamily A, member 1

### Calculated MW:

397 aa, 45 kDa

### Observed MW:

45 kDa

### Purification Method:

Euglobulin precipitation

### CloneNo.:

1B10A10

## Applications

### Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

### Species Specificity:

human, mouse, rat

## Background Information

DNAJA1 is a member of the DnaJ proteins (also known as Hsp40 or Hsc40) which are cochaperones to DnaK (Hsp70) and function to modulate protein assembly, disassembly, and translocation. DNAJA1 has been reported to get involved in various processes, including virus infection, tau clearance, and mutant p53 degradation.

## Storage

### Storage:

Store at -80°C.

### Storage Buffer:

PBS Only

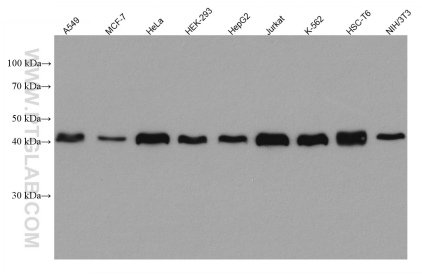
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

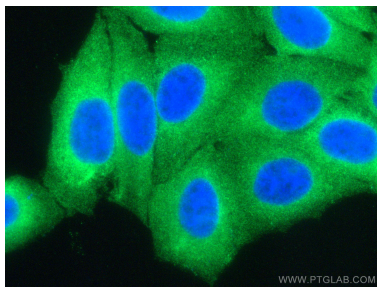
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

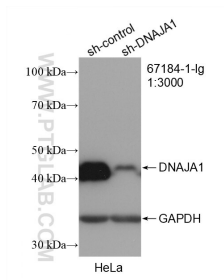
Selected Validation Data



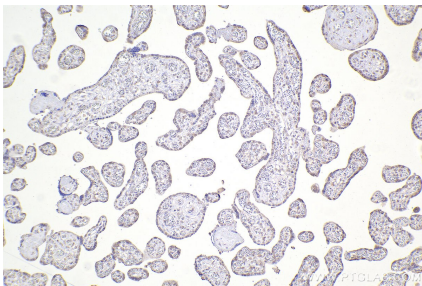
Various lysates were subjected to SDS PAGE followed by western blot with 67184-1-Ig (DNAJA1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67184-1-PBS in a different storage buffer formulation.



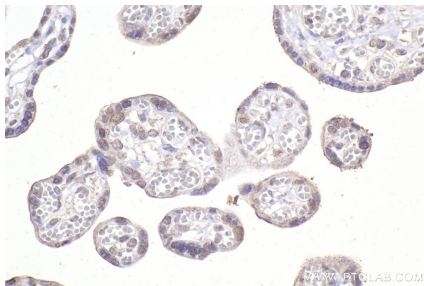
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using DNAJA1 antibody (67184-1-Ig, Clone: 1B10A10 ) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67184-1-PBS in a different storage buffer formulation.



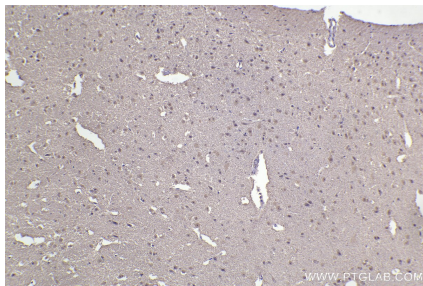
WB result of DNAJA1 antibody (67184-1-Ig; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DNAJA1 transfected HeLa cells. This data was developed using the same antibody clone with 67184-1-PBS in a different storage buffer formulation.



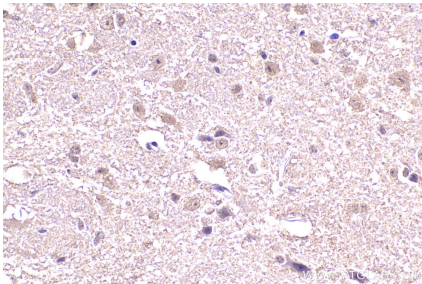
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 67184-1-Ig (DNAJA1 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67184-1-PBS in a different storage buffer formulation.



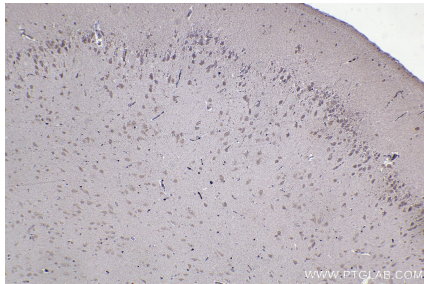
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 67184-1-Ig (DNAJA1 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67184-1-PBS in a different storage buffer formulation.



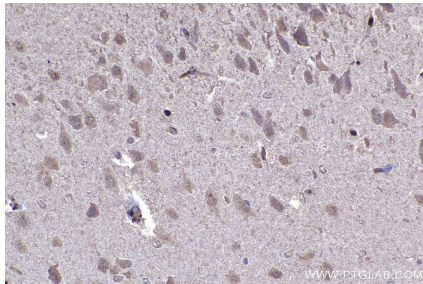
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67184-1-Ig (DNAJA1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67184-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67184-1-Ig (DNAJA1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67184-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 67184-1-Ig (DNAJA1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67184-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 67184-1-Ig (DNAJA1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67184-1-PBS in a different storage buffer formulation.