

For Research Use Only

DNAJB6 Monoclonal antibody, PBS Only



Catalog Number: 66587-1-PBS

Featured Product

Basic Information

Catalog Number:

66587-1-PBS

Size:

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

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG2258

GenBank Accession Number:

BC000177

GeneID (NCBI):

10049

UNIPROT ID:

O75190

Full Name:

DnaJ (Hsp40) homolog, subfamily B, member 6

Calculated MW:

241 aa, 27 kDa

Observed MW:

27 kDa, 38 kDa

Purification Method:

Protein G purification

CloneNo.:

1A1D2

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

Human, Mouse, Rat, Pig

Background Information

DNAJB6, belongs to the heat shock protein 40 (HSP40) family, a noncanonical member of the DNAJ-chaperone family, is mainly expressed in neurons. It plays an important role in recovery from misfolded protein aggregates (PMID: 27276715). As seen by the western blot stained for DNAJB6, there are 2 splice forms of the protein resulting in a longer isoform (38 kDa) and a shorter one (27 kDa). DNAJB6 (27 kDa) isoform but not DNAJB6 (38 kDa) isoform is effective with suppressing cytoplasmic protein aggregation (PMID: 20159555). The antibody 66587-1-Ig recognizes both isoforms.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

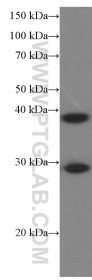
For technical support and original validation data for this product please contact:

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

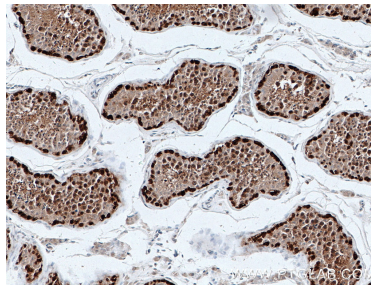
E: proteintech@ptglab.com
W: ptglab.com

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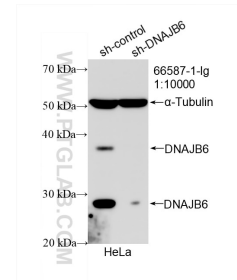
Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 66587-1-Ig (DNAJB6 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66587-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 66587-1-Ig (DNAJB6 antibody) at dilution of 1:1000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66587-1-PBS in a different storage buffer formulation.



WB result of DNAJB6 antibody (66587-1-Ig; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DNAJB6 transfected HeLa cells. This data was developed using the same antibody clone with 66587-1-PBS in a different storage buffer formulation.