

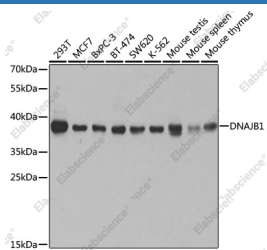
(KO Validated) DNAJB1 Polyclonal Antibody

catalog number: E-AB-60998

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant fusion protein of human DNAJB1 (NP_006136.1).
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.
Applications	
WB	1:500-1:2000
IF	1:50-1:200

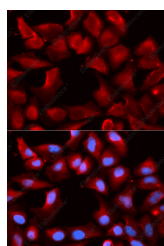
Data



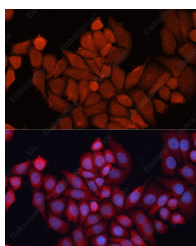
Western blot analysis of extracts of various cell lines using DNAJB1 Polyclonal Antibody at dilution of 1:1000.

Observed-MW:39 kDa

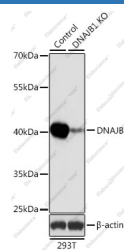
Calculated-MW:27 kDa/38 kDa



Immunofluorescence analysis of U2OS cells using DNAJB1 Polyclonal Antibody



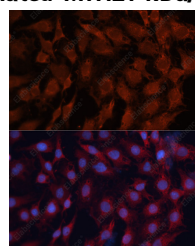
Immunofluorescence analysis of HeLa cells using DNAJB1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of extracts from normal (control) and DNAJB1 knockout (KO) 293T cells using DNAJB1 Polyclonal Antibody at dilution of 1:1000.

Observed-MW:39 kDa

Calculated-MW:27 kDa/38 kDa



Immunofluorescence analysis of C6 cells using DNAJB1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.8

Preparation & Storage

Storage

Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping

The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

This gene encodes a member of the DnaJ or Hsp40 (heat shock protein 40 kD) family of proteins. DNAJ family members are characterized by a highly conserved amino acid stretch called the 'J-domain' and function as one of the two major classes of molecular chaperones involved in a wide range of cellular events, such as protein folding and oligomeric protein complex assembly. The encoded protein is a molecular chaperone that stimulates the ATPase activity of Hsp70 heat-shock proteins in order to promote protein folding and prevent misfolded protein aggregation. Alternative splicing results in multiple transcript variants.

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