

(KO Validated) DNAJB1 Polyclonal Antibody

Catalog Number:E-AB-60998



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

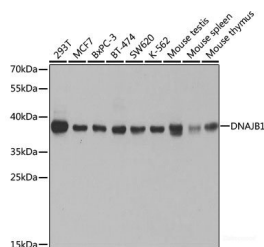
Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant fusion protein of human DNAJB1 (NP_006136.1).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications Recommended Dilution

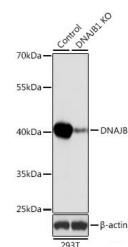
WB	1:500-1:2000
IF	1:50-1:200

Data

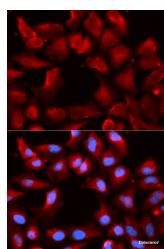


Western blot analysis of extracts of various cell lines using DNAJB1 Polyclonal Antibody at dilution of 1:1000.

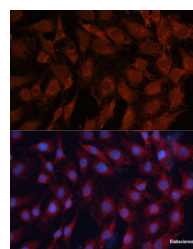
Observed Mw:39kDa
Calculated Mw:27kDa/38kDa



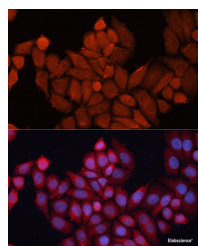
Western blot analysis of extracts from normal (control) and DNAJB1 knockout (KO) 293T cells using DNAJB1 Polyclonal Antibody at dilution of 1:1000.



Immunofluorescence analysis of U2OS cells using DNAJB1 Polyclonal Antibody



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



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

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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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