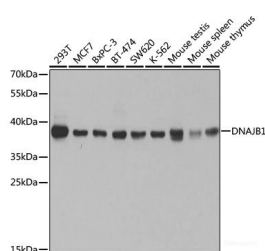


## (KO Validated) DNAJB1 Polyclonal Antibody

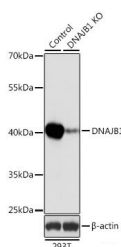
<b>Catalog No.</b>	E-AB-60998	<b>Reactivity</b>	H,M,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,IF	<b>Isotype</b>	IgG

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

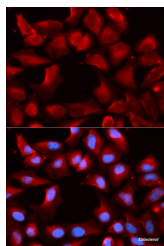
### Images



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



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

### Immunogen Information

<b>Immunogen</b>	Recombinant fusion protein of human DNAJB1 (NP_006136.1).
<b>GeneID</b>	3337
<b>Swissprot</b>	P25685
<b>Synonyms</b>	DNAJB1,HSPF1,Hdj1,Hsp40,RSPH16B,Sis1

### Product Information

<b>Calculated MW</b>	27kDa/38kDa
<b>Observed MW</b>	39kDa
<b>Buffer</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Purify</b>	Affinity purification
<b>Dilution</b>	WB 1:500-1:2000 IF 1:50-1:200

### 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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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.