(KO Validated) DNAJB1 Polyclonal Antibody

catalog number: **E-AB-60998**

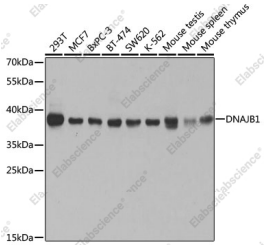
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant fusion protein of human DNAJB1 (NP_006136.1)
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:2000
IF	1:50-1:200

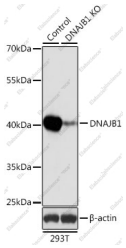
Data



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

Observed-MW:39 kDa

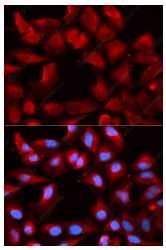
Calculated-MW:27 kDa/38 kDa



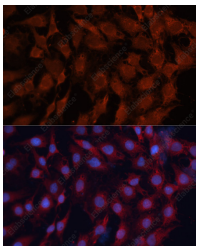
Western blot analysis of extracts from normal (control) and DNAJB1 knockout (KO) 293T cells using DNAJB1 Polyclonal Antibody at dilution of 1:1000.

Observed-MW:39 kDa

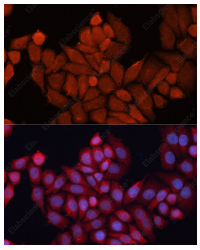
Calculated-MW:27 kDa/38 kDa



Immunofluorescence analysis of 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.



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 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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