

[KO Validated] DNAJB1 Rabbit Polyclonal Antibody

CAB5504



Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

39kDa

Calculated MW:

27kDa/38kDa

Applications:

WB IF

Reactivity:

Human, Mouse, Rat

Protein 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.

Immunogen information

Gene ID:

3337

Uniprot

P25685

Synonyms:

DNAJB1; HSPF1; Hdj1; Hsp40; RSPH16B; Sis1

Antibody Information

Recommended dilutions:

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

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

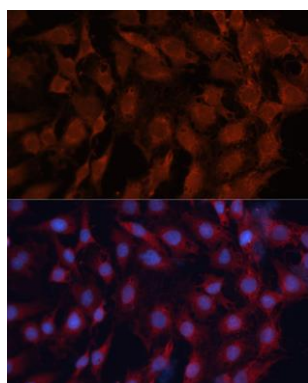
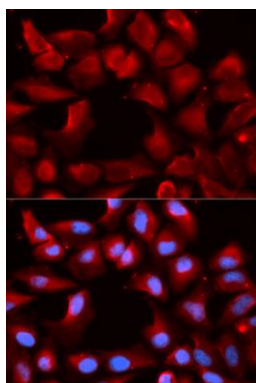
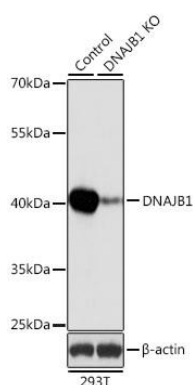
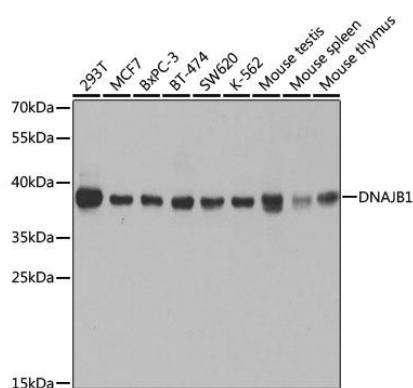
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-340 of human DNAJB1 (NP_006136.1).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using DNAJB1 antibody (CAB5504) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 15s.

Western blot analysis of extracts from normal (control) and DNAJB1 knockout (KO) 293T cells, using DNAJB1 antibody (CAB5504) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.

Immunofluorescence analysis of U2OS cells using DNAJB1 antibody (CAB5504). Blue: DAPI for nuclear staining.

Immunofluorescence analysis of C6 cells using DNAJB1 antibody (CAB5504) at dilution of 1:100. Blue: DAPI for nuclear staining.