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Anti-DNAJB1 / Hsp40 Antibody (aa170-220)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17449

Specification

Anti-DNAJB1 / Hsp40 Antibody (aa170-220) - Product Information

Application	**WB, IHC-P**
Primary Accession	P25685
Predicted	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**38044**

Anti-DNAJB1 / Hsp40 Antibody (aa170-220) - Additional Information

Gene ID 3337

Alias Symbol	**DNAJB1**

Other Names
DNAJB1, DnaJ protein homolog 1, DNAJ1, HDj-1, Hdj1, Heat shock 40 kDa protein 1, Hsp40, HSPF1, RSPH16B, Sis1, Radial spoke 16 homolog B, Heat shock 40kD protein 1, Heat shock protein 40, Human DnaJ protein 1

Target/Specificity
Endogenous levels of human, and mouse HSP40 protein. Sequence homology predicts that it will also react with rat and bovine HSP40 protein.

Reconstitution & Storage
Lyophilized from PBS, pH 7.4, 0.02% sodium azide. Store lyophilized at -20°C. The reconstituted product can be stored for short term at 4 °C or long term at -20 °C or below. Avoid freeze/thaw cycles.

Precautions
Anti-DNAJB1 / Hsp40 Antibody (aa170-220) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-DNAJB1 / Hsp40 Antibody (aa170-220) - Protein Information

Name DNAJB1

Synonyms DNAJ1, HDJ1, HSPF1

Function
Interacts with HSP70 and can stimulate its ATPase activity. Stimulates the association between HSC70 and HIP. Negatively regulates heat shock-induced HSF1 transcriptional activity during the attenuation and recovery phase period of the heat shock response (PubMed:9499401). Stimulates ATP hydrolysis and the folding of unfolded proteins mediated by HSPA1A/B (in vitro) (PubMed:<a

href="http://www.uniprot.org/citations/24318877" target="_blank">24318877).

Cellular Location
Cytoplasm. Nucleus. Nucleus, nucleolus. Note=Translocates rapidly from the cytoplasm to the nucleus, and especially to the nucleoli, upon heat shock

Anti-DNAJB1 / Hsp40 Antibody (aa170-220) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-DNAJB1 / Hsp40 Antibody (aa170-220) - Images