

# DnaJB4 Polyclonal Antibody

Catalog # AP69562

## Product Information

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<b>Application</b>	WB, IHC-P, IF, ICC, E
<b>Primary Accession</b>	<a href="#">Q9UDY4</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	37807

## Additional Information

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<b>Gene ID</b>	11080
<b>Other Names</b>	DNAJB4; DNAJW; HLJ1; DnaJ homolog subfamily B member 4; Heat shock 40 kDa protein 1 homolog; HSP40 homolog; Heat shock protein 40 homolog; Human liver DnaJ-like protein
<b>Dilution</b>	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications. IHC-P~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## Protein Information

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<b>Name</b>	DNAJB4
<b>Synonyms</b>	DNAJW, HLJ1
<b>Function</b>	Probable chaperone. Stimulates ATP hydrolysis and the folding of unfolded proteins mediated by HSPA1A/B (in vitro) (PubMed: <a href="#">24318877</a> ).
<b>Cellular Location</b>	Cytoplasm. Cell membrane. Cytoplasm, myofibril, sarcomere, Z line. Note=Cytoplasmic according to PubMed:18837411 and membrane-associated according to PubMed:16542645
<b>Tissue Location</b>	Expressed in heart, pancreas and skeletal muscle, and to a lesser extent in brain, placenta and liver

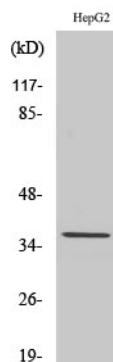
## Background

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Probable chaperone. Stimulates ATP hydrolysis and the folding of unfolded proteins mediated by HSPA1A/B (in vitro) (PubMed:[24318877](https://pubmed.ncbi.nlm.nih.gov/24318877/)).

## Images

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Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4°,overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.