

DNAJB4 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50604

Specification

DNAJB4 Antibody - Product Information

Application	WB
Primary Accession	O9UDY4
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38 KDa
Antigen Region	110-139

DNAJB4 Antibody - Additional Information

Gene ID 11080

Other Names

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, DNAJB4, DNAJW, HLJ1

Dilution

WB~~1:500-1:1000

Format

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

Storage Conditions

-20°C

DNAJB4 Antibody - Protein Information

Name DNAJB4

Synonyms DNAJW, HLJ1

Function

Probable chaperone. Stimulates ATP hydrolysis and the folding of unfolded proteins mediated by HSPA1A/B (in vitro) (PubMed:24318877).

Cellular Location

Cytoplasm. Cell membrane. Cytoplasm, myofibril, sarcomere, Z line. Note=Cytoplasmic according to PubMed:18837411 and membrane-associated according to PubMed:16542645

Tissue Location

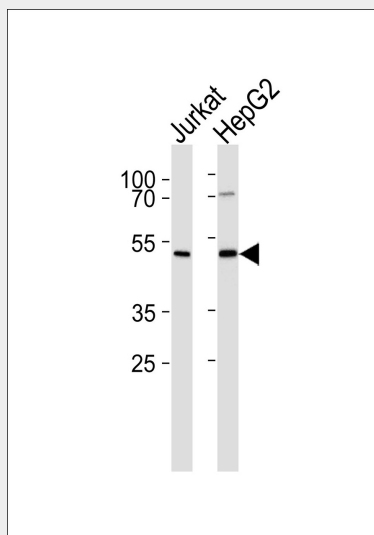
Expressed in heart, pancreas and skeletal muscle, and to a lesser extent in brain, placenta and liver

DNAJB4 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DNAJB4 Antibody - Images



Western blot analysis of lysates from Jurkat, HepG2 cell line (from left to right), using DNAJB4 Antibody (AP50604). AP50604 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

DNAJB4 Antibody - Background

Probable chaperone.

DNAJB4 Antibody - References

- Hoe K.L., et al. *Biochim. Biophys. Acta* 1383:4-8 (1998).
Ota T., et al. *Nat. Genet.* 36:40-45 (2004).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Won M., et al. Submitted (NOV-1995) to the EMBL/GenBank/DDBJ databases.
Bienvenut W.V., et al. Submitted (MAR-2009) to UniProtKB.