

Anti-DNAJB4 Antibody
Rabbit polyclonal antibody to DNAJB4
Catalog # AP60743

Specification

Anti-DNAJB4 Antibody - Product Information

Application	WB
Primary Accession	O9UDY4
Other Accession	O9D832
Reactivity	Human, Mouse, Rat, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37807

Anti-DNAJB4 Antibody - Additional Information

Gene ID 11080

Other Names

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

Target/Specificity

Recognizes endogenous levels of DNAJB4 protein.

Dilution

WB~~WB (1/500 - 1/1000), IH (1/100 - 1/200)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-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: <http://www.uniprot.org/citations/24318877> target="_blank">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

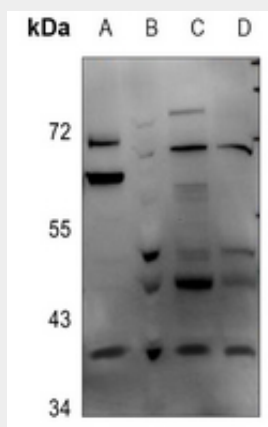
Expressed in heart, pancreas and skeletal muscle, and to a lesser extent in brain, placenta and liver

Anti-DNAJB4 Antibody - Protocols

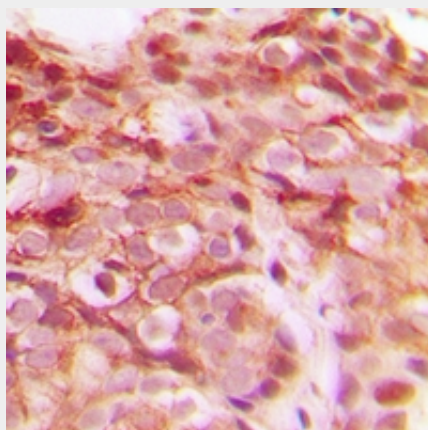
Provided below are standard protocols that you may find useful for product applications.

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

Anti-DNAJB4 Antibody - Images



Western blot analysis of DNAJB4 expression in rat heart (A), MCF7 (B), HEK293T (C), Panc1 (D) whole cell lysates.



Immunohistochemical analysis of DNAJB4 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with

sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Anti-DNAJB4 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human DNAJB4. The exact sequence is proprietary.