

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

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**Anti-DNAJB4 Antibody - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">O9UDY4</a>
Other Accession	<a href="#">O9D832</a>
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)

IHC~~1:100~500

**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:&lt;a href="http://www.uniprot.org/citations/24318877" target="\_blank"&gt;24318877&lt;/a&gt;).

**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**

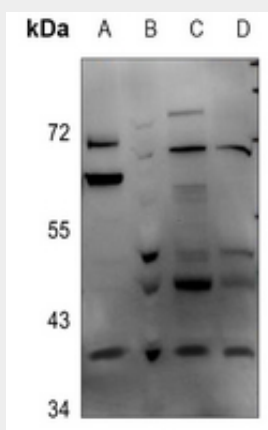
Expressed in heart, pancreas and skeletal muscle, and to a lesser extent in brain, placenta and liver

#### **Anti-DNAJB4 Antibody - Protocols**

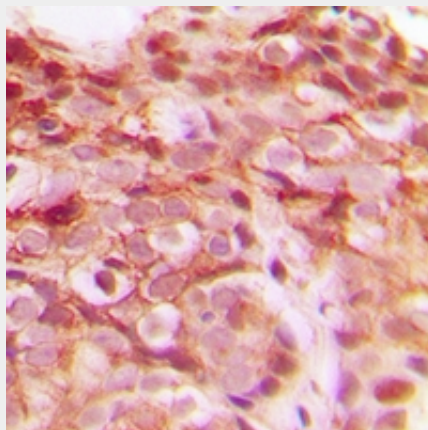
Provided below are standard protocols that you may find useful for product applications.

- [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.