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Anti-DNAJB4 Antibody

Catalog # AP60743

Product Information

Application	WB, IHC
Primary Accession	Q9UDY4
Reactivity	Human, Mouse, Rat, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37807

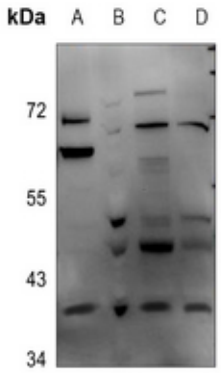
Additional Information

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	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human DNAJB4. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

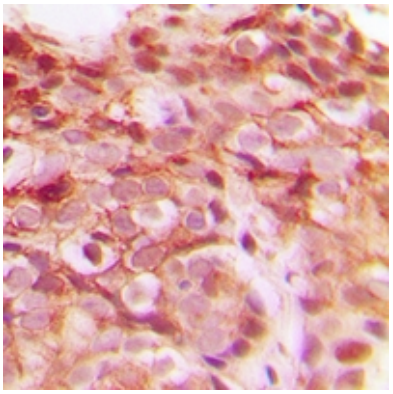
Protein Information

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

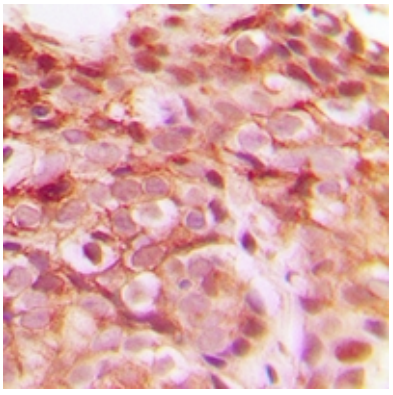
Images



Western blot analysis of DNAJB4 expression in rat heart (A), MCF7 (B), HEK293T (C), Panc1 (D) whole cell lysates. (Predicted band size: 37 kD; Observed band size: 40 kD)



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.



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