

DnaJB4 rabbit pAb

Cat#: orb765062 (Manual)

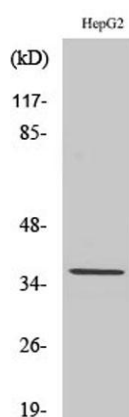
For research use only. Not intended for diagnostic use.

Product Name	DnaJB4 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human DNAJB4. AA range:91-140
Specificity	DnaJB4 Polyclonal Antibody detects endogenous levels of DnaJB4 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	DnaJ homolog subfamily B member 4
Gene Name	DNAJB4
Cellular localization	Cytoplasm . Cell membrane . Cytoplasmic according to PubMed:18837411 and membrane-associated according to PubMed:16542645.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

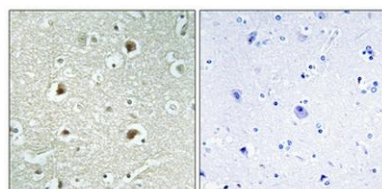
Concentration	1 mg/ml
Observed band	38kD
Human Gene ID	11080
Human Swiss-Prot Number	Q9UDY4
Alternative Names	DNAJB4; DNAJW; HLJ1; DnaJ homolog subfamily B member 4; Heat shock 40 kDa protein 1 homolog; HSP40 homolog; Heat shock protein 40 homolog; Human liver DnaJ-like protein

Background

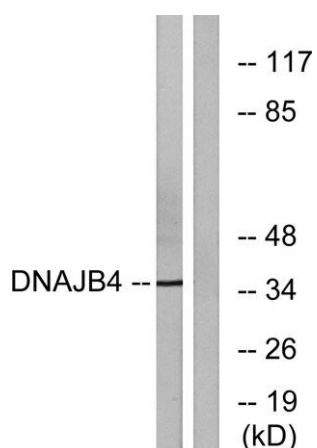
The protein encoded by this gene is a molecular chaperone, tumor suppressor, and member of the heat shock protein-40 family. The encoded protein binds the cell adhesion protein E-cadherin and targets it to the plasma membrane. This protein also binds incorrectly folded E-cadherin and targets it for endoplasmic reticulum-associated degradation. This gene is a strong tumor suppressor for colorectal carcinoma, and downregulation of it may serve as a good biomarker for predicting patient outcomes. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2015],



Western Blot analysis of various cells using DnaJB4 Polyclonal Antibody



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 ctrl (right) obtained from antibody was pre-absorbed by i



Western blot analysis of lysates from HepG2 cells, using DNAJB4 Antibody. The lane on the right is blocked with the synthesized peptide.