



DnaJB4 Polyclonal Antibody

Catalog No	YP-Ab-03816
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	DNAJB4
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.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Human liver DnaJ like protein;HSP40 homolog;HLJ1;Heat shock protein 40 homolog;DNAJW;DnaJB4;DnaJ homolog subfamily B member 4;Heat shock 40 kDa protein 1 homolog;Human liver DnaJ-like protein
Observed Band	38kD
Calculated Molecular Weight	38kD
Cell Pathway	Cytoplasm . Cell membrane . Cytoplasmic according to PubMed:18837411 and membrane-associated according to PubMed:16542645.
Tissue Specificity	Expressed in heart, pancreas and skeletal muscle, and to a lesser extent in brain, placenta and liver.
Function	induction:By heat shock.,similarity:Contains 1 J domain.,
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],

matters needing attention

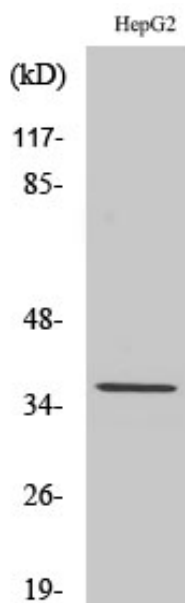
Avoid repeated freezing and thawing!

Usage suggestions

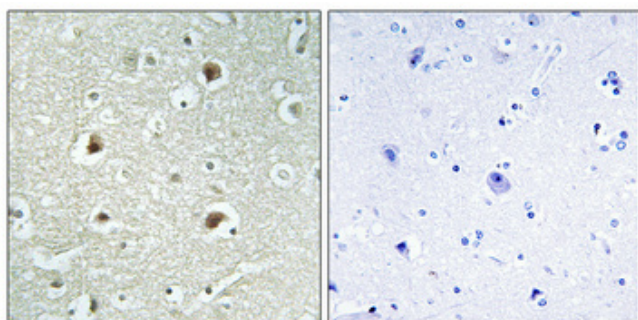
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



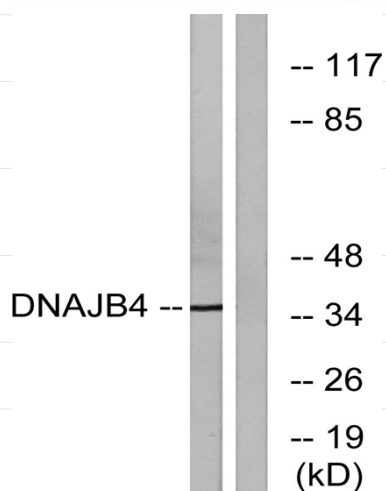
Products Images



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, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.



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