



DNJB2 Monoclonal Antibody

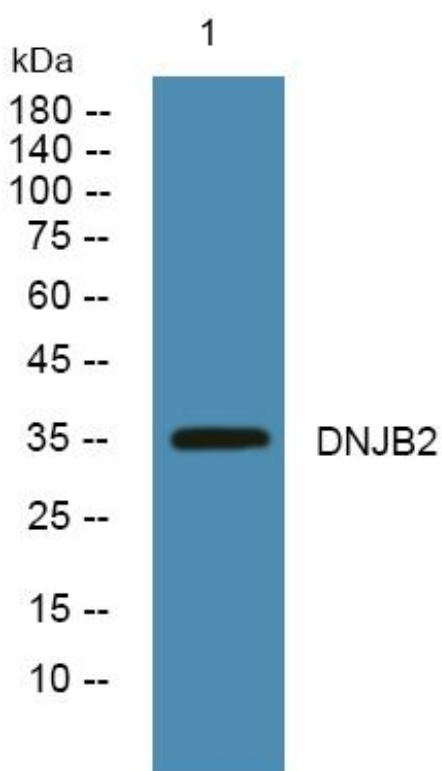
Catalog No	YP-mAb-06603
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	DNAJB2 HSJ1 HSPF3
Protein Name	DnaJ homolog subfamily B member 2 (DnaJ protein homolog 1) (Heat shock 40 kDa protein 3) (Heat shock protein J1) (HSJ-1)
Immunogen	Synthesized peptide derived from human protein . at AA range: 260-340
Specificity	DNJB2 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	35kD
Cell Pathway	[Isoform 2]: Cytoplasm . Nucleus .; [Isoform 1]: Endoplasmic reticulum membrane ; Lipid-anchor ; Cytoplasmic side .
Tissue Specificity	More abundantly expressed in neocortex, cerebellum, spinal cord and retina where it is expressed by neuronal cells (at protein level) (PubMed:1599432, PubMed:12754272). Detected at much lower level in non-neuronal tissues including kidney, lung, heart, skeletal muscle, spleen and testis (at protein level) (PubMed:12754272, PubMed:1599432). Isoform 1 is more abundant in neocortex and cerebellum compared to isoform 2 (at protein level) (PubMed:12754272).
Function	alternative products:Experimental confirmation may be lacking for some isoforms,similarity:Contains 1 J domain.,similarity:Contains 2 UIM (ubiquitin-interacting motif) repeats.,tissue specificity:Brain (neuronal layers). Weakly, in skeletal muscle and spleen.,
Background	This gene is almost exclusively expressed in the brain, mainly in the neuronal layers. It encodes a protein that shows sequence similarity to bacterial DnaJ protein and the yeast homologs. In bacteria, this protein is implicated in protein folding and protein complex dissociation. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2011],

**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 DNJB2 Monoclonal Antibody