

Dnajb1 antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13688

Product Information

Application	WB
Primary Accession	Q9QYJ3
Other Accession	NM_018808 , NP_061278
Reactivity	Human, Mouse, Rat, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine, Yeast
Predicted	Human, Mouse, Rat, Zebrafish, Pig, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38167

Additional Information

Gene ID	81489
Alias Symbol	0610007I11Rik, HSPF1, Hsp40
Other Names	DnaJ homolog subfamily B member 1, Heat shock 40 kDa protein 1, HSP40, Heat shock protein 40, Dnajb1, Hsp40, Hspf1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Dnajb1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Dnajb1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Dnajb1
Synonyms	Hsp40, Hspf1
Function	Interacts with HSP70 and can stimulate its ATPase activity. Acts also with TTC1 as a chaperone adapter that regulates HSP70- dependent folding process by interacting with the HSP70 amino terminal region. Stimulates the association between HSC70 and HIP. Negatively regulates heat shock-induced HSF1 transcriptional activity during the attenuation and recovery phase period of the heat shock response. Stimulates ATP hydrolysis and the folding of unfolded proteins mediated by HSPA1A/B (in vitro).

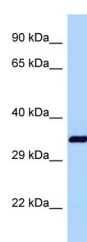
Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:P25685}. Nucleus {ECO:0000250|UniProtKB:P25685}. Nucleus, nucleolus {ECO:0000250|UniProtKB:P25685}. Note=Translocates rapidly from the cytoplasm to the nucleus, and especially to the nucleoli, upon heat shock. {ECO:0000250|UniProtKB:P25685}

References

Hata M.,et al.DNA Seq. 11:213-223(2000).

Images



WB Suggested Anti-Dnajb1 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Liver

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