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DNAJB4 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant DNAJB4.
Catalog # AT1791a

Product Information

Application	WB, E
Primary Accession	Q9UDY4
Other Accession	BC034721
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 kappa
Clone Names	1H2-3G4
Calculated MW	37807

Additional Information

Gene ID	11080
Other Names	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, DNAJB4, DNAJW, HLJ1
Target/Specificity	DNAJB4 (AAH34721, 1 a.a. ~ 337 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	DNAJB4 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

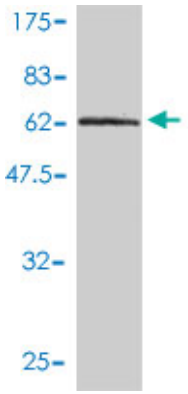
DNAJB4 belongs to the evolutionarily conserved DNAJ/HSP40 protein family. For background information on the DNAJ family, see MIM 608375.

References

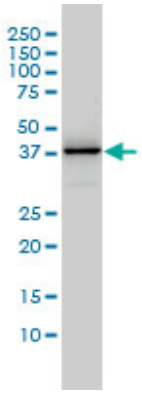
Tumor suppressor HLJ1 binds and functionally alters nucleophosmin via activating enhancer binding protein 2alpha complex formation. Chang TP, et al. Cancer Res, 2010 Feb 15. PMID 20145123.Curcumin inhibits lung cancer cell invasion and metastasis through the tumor suppressor HLJ1. Chen HW, et al. Cancer Res, 2008

Sep 15. PMID 18794131.A new tumor suppressor DnaJ-like heat shock protein, HLJ1, and survival of patients with non-small-cell lung carcinoma. Tsai MF, et al. J Natl Cancer Inst, 2006 Jun 21. PMID 16788156.A member of the heat shock protein 40 family, hlj1, binds to the carboxyl tail of the human mu opioid receptor. Ancevska-Taneva N, et al. Brain Res, 2006 Apr 7. PMID 16542645.The transcriptional factor YY1 upregulates the novel invasion suppressor HLJ1 expression and inhibits cancer cell invasion. Wang CC, et al. Oncogene, 2005 Jun 9. PMID 15782117.

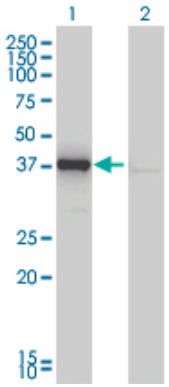
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (62.81 KDa) .

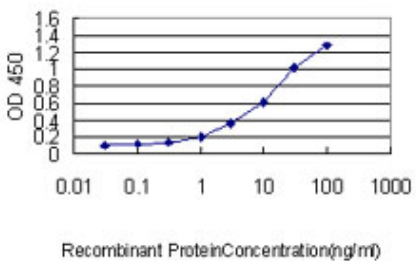


DNAJB4 monoclonal antibody (M01), clone 1H2-3G4 Western Blot analysis of DNAJB4 expression in Jurkat ((Cat # AT1791a)



Western Blot analysis of DNAJB4 expression in transfected 293T cell line by DNAJB4 monoclonal antibody (M01), clone 1H2-3G4.

Lane 1: DNAJB4 transfected lysate(38 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged DNAJB4 is approximately 0.3ng/ml as a capture antibody.

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