10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

DNAJC10 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant DNAJC10.
Catalog # AT1795a

Product Information

Application	WB, E
Primary Accession	Q8IXB1
Other Accession	NM_018981
Reactivity	Human, Mouse, Rat
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	3A8
Calculated MW	91080

Additional Information

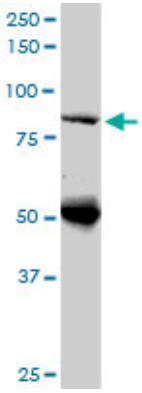
Gene ID	54431
Other Names	DnaJ homolog subfamily C member 10, 184-, Endoplasmic reticulum DNA J domain-containing protein 5, ER-resident protein ERdj5, ERdj5, Macrothioredoxin, MTHr, DNAJC10, ERDJ5
Target/Specificity	DNAJC10 (NP_061854, 688 a.a. ~ 793 a.a) partial recombinant protein with GST tag. MW 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	DNAJC10 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

References

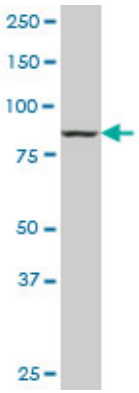
Meckel-Gruber syndrome protein MKS3 is required for endoplasmic reticulum-associated degradation of surfactant protein C. Wang M, et al. J Biol Chem, 2009 Nov 27. PMID 19815549.ERdj5 sensitizes neuroblastoma cells to endoplasmic reticulum stress-induced apoptosis. Thomas CG, et al. J Biol Chem, 2009 Mar 6. PMID 19122239.ERdj5 is required as a disulfide reductase for degradation of misfolded proteins in the ER. Ushioda R, et al. Science, 2008 Jul 25. PMID 18653895.ERdj4 and ERdj5 are required for endoplasmic reticulum-associated protein degradation of misfolded surfactant protein C. Dong M, et al. Mol Biol Cell, 2008 Jun. PMID 18400946.Signal sequence and keyword trap in silico for selection of full-length human cDNAs encoding secretion or membrane proteins from oligo-capped cDNA libraries. Otsuki T, et al. DNA Res,

2005. PMID 16303743.

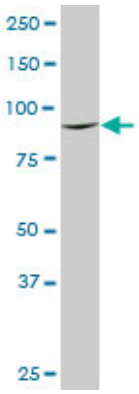
Images



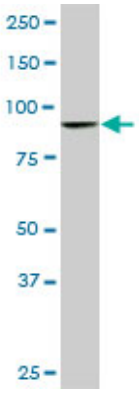
DNAJC10 monoclonal antibody (M02), clone 3A8. Western Blot analysis of DNAJC10 expression in human kidney.



DNAJC10 monoclonal antibody (M02), clone 3A8. Western Blot analysis of DNAJC10 expression in HeLa ((Cat # AT1795a)

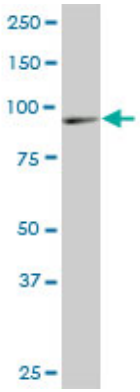


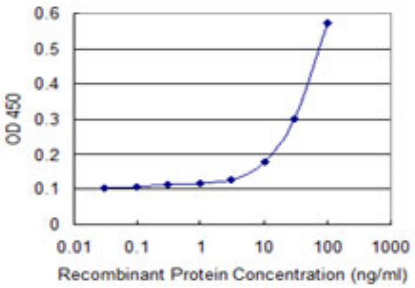
DNAJC10 monoclonal antibody (M02), clone 3A8. Western Blot analysis of DNAJC10 expression in PC-12 ((Cat # AT1795a)



DNAJC10 monoclonal antibody (M02), clone 3A8. Western Blot analysis of DNAJC10 expression in Raw 264.7 ((Cat # AT1795a)

DNAJC10 monoclonal antibody (M02), clone 3A8. Western Blot analysis of DNAJC10 expression in NIH/3T3 ((Cat # AT1795a)





Detection limit for recombinant GST tagged DNAJC10 is 3 ng/ml as a capture antibody.

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