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PET112L Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant PET112L.
Catalog # AT3270a

Product Information

Application	WB, E
Primary Accession	O75879
Other Accession	NM_004564
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	6B2
Calculated MW	61864

Additional Information

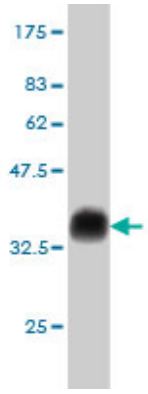
Gene ID	5188
Other Names	Glutamyl-tRNA(Gln) amidotransferase subunit B, mitochondrial {ECO:0000255|HAMAP-Rule:MF_03147}, Glu-AdT subunit B {ECO:0000255|HAMAP-Rule:MF_03147}, 635-{ECO:0000255|HAMAP-Rule:MF_03147}, Cytochrome c oxidase assembly factor PET112 homolog, GATB
Target/Specificity	PET112L (NP_004555, 466 a.a. ~ 556 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	PET112L Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

References

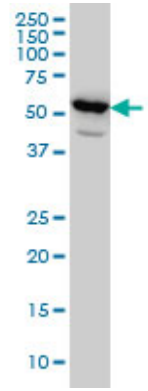
Biogenesis of glutaminyl-mt tRNAGln in human mitochondria. Nagao A, et al. Proc Natl Acad Sci U S A, 2009 Sep 22. PMID 19805282.Genetic correlates of brain aging on MRI and cognitive test measures: a genome-wide association and linkage analysis in the Framingham Study. Seshadri S, et al. BMC Med Genet, 2007 Sep 19. PMID 17903297.Sequence comparison of human and mouse genes reveals a homologous block structure in the promoter regions. Suzuki Y, et al. Genome Res, 2004 Sep. PMID 15342556.Exploring proteomes and analyzing protein processing by mass spectrometric identification of sorted N-terminal

peptides. Gevaert K, et al. Nat Biotechnol, 2003 May. PMID 12665801.Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.

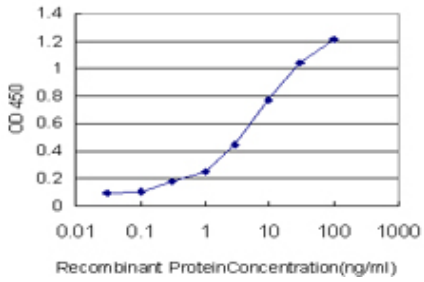
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (35.75 KDa) .



PET112L monoclonal antibody (M01), clone 6B2 Western Blot analysis of PET112L expression in HeLa ((Cat # AT3270a)



Detection limit for recombinant GST tagged PET112L 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'.