

**PET112L Antibody (monoclonal) (M01)**

Mouse monoclonal antibody raised against a partial recombinant PET112L.

Catalog # AT3270a

**Specification**

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**PET112L Antibody (monoclonal) (M01) - Product Information**

Application	WB, E
Primary Accession	<a href="#">O75879</a>
Other Accession	<a href="#">NM_004564</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	61864

**PET112L Antibody (monoclonal) (M01) - 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

**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.

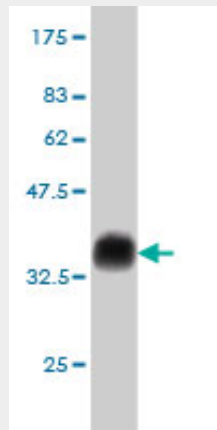
**PET112L Antibody (monoclonal) (M01) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

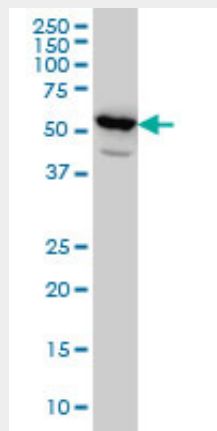
- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

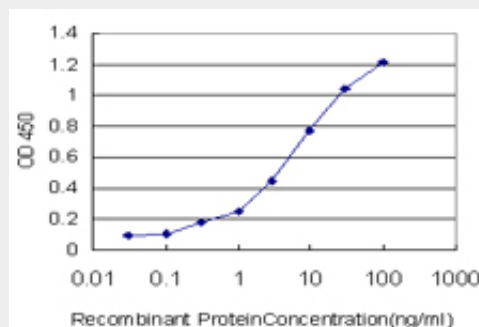
### PET112L Antibody (monoclonal) (M01) - Images



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.

**PET112L Antibody (monoclonal) (M01) - 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.