

# PET112L Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant PET112L.

Catalog # AT3270a

## Product Information

---

<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">O75879</a>
<b>Other Accession</b>	<a href="#">NM_004564</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG2a Kappa
<b>Clone Names</b>	6B2
<b>Calculated MW</b>	61864

## Additional Information

---

<b>Gene ID</b>	5188
<b>Other Names</b>	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
<b>Target/Specificity</b>	PET112L (NP_004555, 466 a.a. ~ 556 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 E~~N/A
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	PET112L Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

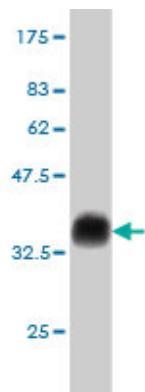
## References

---

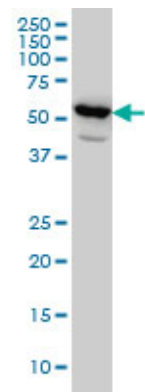
Biogenesis of glutaminyl-mt tRNAGln in human mitochondria. Nagao A, et al. Proc Natl Acad Sci U S A, 2009 Sep 22. PMID 19805282. Genetic correlates of brain aging on MRI and cognitive test measures: a genome-wide association and linkage analysis in the Framingham Study. Seshadri S, et al. BMC Med Genet, 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.

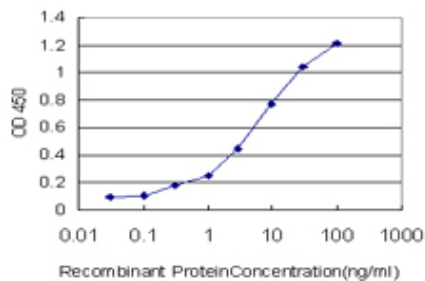
Images



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'.