

PPIL2 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a full length recombinant PPIL2.
Catalog # AT3404a

Product Information

Application	E
Primary Accession	Q13356
Other Accession	BC000022
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	2E12
Calculated MW	58823

Additional Information

Gene ID	23759
Other Names	Peptidyl-prolyl cis-trans isomerase-like 2, PPIase, PPIL2 (HGNC:9261)
Target/Specificity	PPIL2 (AAH00022, 1 a.a. ~ 527 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	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	PPIL2 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

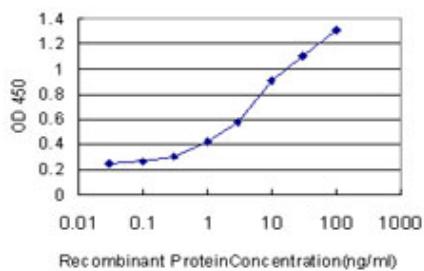
This gene is a member of the cyclophilin family of peptidylprolyl isomerases. The cyclophilins are a highly conserved ubiquitous family, members of which play an important role in protein folding, immunosuppression by cyclosporin A, and infection of HIV-1 virions. This protein interacts with the proteinase inhibitor eglin c and is localized in the nucleus. Multiple transcript variants encoding different isoforms have been found for this gene.

References

Variation in RTN3 and PPIL2 genes does not influence platelet membrane beta-secretase activity or susceptibility to alzheimer's disease in the northern Irish population. Carson R, et al. Neuromolecular Med,

2009. PMID 19669607. Diversification of transcriptional modulation: large-scale identification and characterization of putative alternative promoters of human genes. Kimura K, et al. *Genome Res*, 2006 Jan. PMID 16344560. Cell surface expression of CD147/EMMPRIN is regulated by cyclophilin 60. Pushkarsky T, et al. *J Biol Chem*, 2005 Jul 29. PMID 15946952. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. *Genome Res*, 2004 Oct. PMID 15489334. A genome annotation-driven approach to cloning the human ORFeome. Collins JE, et al. *Genome Biol*, 2004. PMID 15461802.

Images



Detection limit for recombinant GST tagged PPIL2 is approximately 0.1ng/ml as a capture antibody.

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