

## PPIL2 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a full length recombinant PPIL2.

Catalog # AT3404a

### Product Information

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Application	E
Primary Accession	<a href="#">Q13356</a>
Other Accession	<a href="#">BC000022</a>
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	2E12
Calculated MW	58823

### Additional Information

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Gene ID	23759
Other Names	Peptidyl-prolyl cis-trans isomerase-like 2, PPIase, PPIL2 ( <a href="#">HGNC:9261</a> )
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

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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

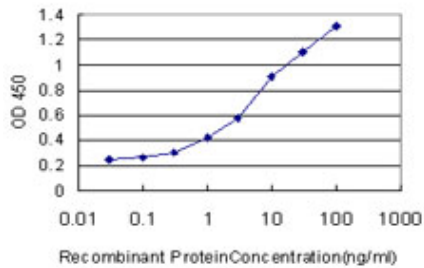
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Variation in RTN3 and PPIL2 genes does not influence platelet membrane beta-secretase activity or susceptibility to alzheimer's disease in the northern Irish population. Carson R, et al. Neuromolecular Med,

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

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

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