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# 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

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|---|---|
| **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

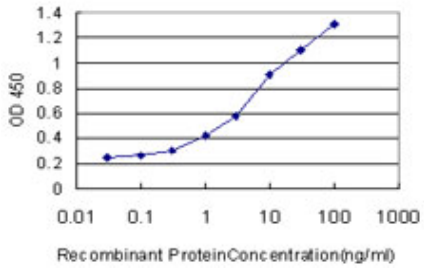
This gene is a member of the cyclophilin family of peptidylprolyl isomerases. The cyclophilins are a highly conserved ubiquitous family, members of which play an important role in protein folding, immunosuppression by cyclosporin A, and infection of HIV-1 virions. This protein interacts with the proteinase 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'.