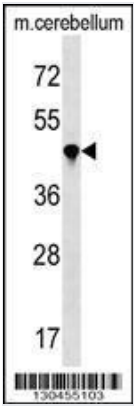
PPIL4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PPIL4, Polyclonal Antibody
Full Product Name	PPIL4, NT (PPIL4, Peptidyl-prolyl cis-trans isomerase-like 4, Cyclophilin-like protein PPIL4, Rotamase PPIL4)
Product Gene Name	anti-PPIL4 antibody
Product Synonym Names	Anti -PPIL4, NT (PPIL4, Peptidyl-prolyl cis-trans isomerase-like 4, Cyclophilin-like protein PPIL4, Rotamase PPIL4)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2, 0.09% sodium azide.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Mouse
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	57,225 Da
Chromosome Location	Chromosome: 6; NC_000006.11 (149825631..149867238, complement). Location: 6q25.1
OMIM	607609
3D Structure	ModBase 3D Structure for Q8WUA2
Immunogen	PPIL4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 121-151 amino acids from the N-terminal region of human PPIL4.
Product Categories/Family for anti-PPIL4 antibody	Antibodies; Abs to Cyclophilin
Applications Tested/Suitable for anti-PPIL4 antibody	ELISA (EL/EIA), Western Blot (WB)
Application Notes for anti-PPIL4 antibody	Suitable for use in Western Blot, ELISA Dilution: ELISA: 1:1,000 Western Blot: 1:100-500
Related Product Information for anti-PPIL4 antibody	This gene is a member of the cyclophilin family of peptidylprolyl isomerases. The cyclophilins are a highly conserved family, members of which play an important role in protein folding, immunosuppression by cyclosporin A, and infection of HIV-1 virions.
Other Notes	Small volumes of anti-PPIL4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PPIL4 purchase	MBS6006802 is an antibody targeting PPIL4. Also known as PPIL4, NT (PPIL4, Peptidyl-prolyl cis-trans isomerase-like 4, Cyclophilin-like protein PPIL4, Rotamase PPIL4). Reactive in Mouse. Host: Rabbit.



Western Blot (WB) of anti-PPIL4 antibody
PPIL4 Antibody (N-term) western blot analysis in mouse cerebellum tissue lysates (35ug/lane).This demonstrates the PPIL4 antibody detected the PPIL4 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PPIL4. It may not necessarily be applicable to this product.

NCBI GI #	20911035
NCBI GeneID	85313
NCBI Accession #	NP_624311.1
UniProt Primary Accession #	Q8WUA2
UniProt Secondary Accession #	Q7Z3Q5; B2RD34
UniProt Related Accession #	Q8WUA2
GenBank Nucleotide #	NM_139126.3
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase-like 4
NCBI Official Synonym Full Names	peptidylprolyl isomerase (cyclophilin)-like 4
NCBI Official Symbol	PPIL4
NCBI Official Synonym Symbols	HDCME13P
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase-like 4
UniProt Synonym Protein Names	Cyclophilin-like protein PPIL4; Rotamase PPIL4
Protein Family	Peptidyl-prolyl cis-trans isomerase
UniProt Gene Name	PPIL4
UniProt Synonym Gene Names	PPIase
UniProt Entry Name	PPIL4_HUMAN
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase-like 4; PPIase; rotamase PPIL4; cyclophilin-like protein PPIL4; cyclophilin-type peptidyl-prolyl cis-trans isomerase; serologically defined breast cancer antigen NY-BR-18

UniProt Comments for PPIL4	PPIL4: PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. Belongs to the cyclophilin-type PPIase family. PPIL4 subfamily. Protein type: RNA-binding; Cyclophilin; Isomerase; EC 5.2.1.8 Chromosomal Location of Human Ortholog: 6q25.1 Cellular Component: nucleus Molecular Function: peptidyl-prolyl cis-trans isomerase activity; nucleotide binding Biological Process: protein peptidyl-prolyl isomerization; protein folding
Research Articles on PPIL4	**1.** Molecular cloning, structure and expression of a novel nuclear RNA-binding cyclophilin-like gene (PPIL4) from human fetal brain
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