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PPIL3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17078b

Product Information

Application	WB, E
Primary Accession	Q9H2H8
Other Accession	Q812D3, Q9D6L8, Q5ZLV2, NP_115861.1, NP_570981.1
Reactivity	Human
Predicted	Chicken, Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB36953
Calculated MW	18155
Antigen Region	118-146

Additional Information

Gene ID	53938
Other Names	Peptidyl-prolyl cis-trans isomerase-like 3, PPIase, Cyclophilin J, CyPJ, Cyclophilin-like protein PPIL3, Rotamase PPIL3, PPIL3
Target/Specificity	This PPIL3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 118-146 amino acids from the C-terminal region of human PPIL3.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	PPIL3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PPIL3
Function	PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. May be

involved in pre-mRNA splicing.

Tissue Location Ubiquitous. Detected at low levels.

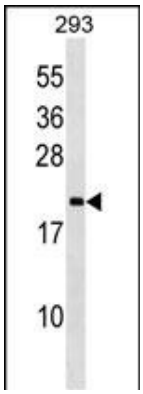
Background

This gene encodes a member of the cyclophilin family. Cyclophilins catalyze the cis-trans isomerization of peptidylprolyl imide bonds in oligopeptides. They have been proposed to act either as catalysts or as molecular chaperones in protein-folding events. Alternative splicing results in multiple transcript variants.

References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Huo, D.H., et al. Biochem. Biophys. Res. Commun. 372(1):14-18(2008)
Qi, Z.Y., et al. Chin. Med. J. 118(10):799-805(2005)
Hillier, L.W., et al. Nature 434(7034):724-731(2005)
Huang, L.L., et al. Acta Crystallogr. D Biol. Crystallogr. 61 (PT 3), 316-321 (2005) :

Images



PPIL3 Antibody (C-term) (Cat. #AP17078b) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the PPIL3 antibody detected the PPIL3 protein (arrow).

Citations

- Cyclophilin J limits inflammation through the blockage of ubiquitin chain sensing.

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