

## Product datasheet for **CF803474**

### PPIH Mouse Monoclonal Antibody [Clone ID: OTI1C6]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1C6
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human PPIH (NP_006338) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	19 kDa
Gene Name:	Homo sapiens peptidylprolyl isomerase H (PPIH), transcript variant 1, mRNA.
Database Link:	<a href="#">NP_006338</a> <a href="#">Entrez Gene 66101</a> <a href="#">MouseEntrez Gene 366461</a> <a href="#">RatEntrez Gene 10465</a> <a href="#">Human O43447</a>



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**Background:**

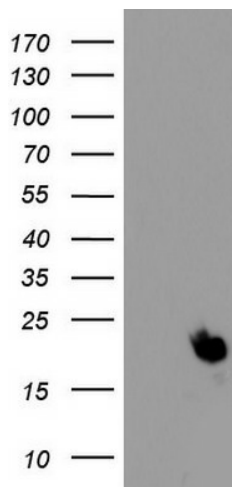
The protein encoded by this gene is a member of the peptidyl-prolyl cis-trans isomerase (PPIase) family. PPIases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. This protein is a specific component of the complex that includes pre-mRNA processing factors PRPF3, PRPF4, and PRPF18, as well as U4/U5/U6 tri-snRNP. This protein has been shown to possess PPIase activity and may act as a protein chaperone that mediates the interactions between different proteins inside the spliceosome. [provided by RefSeq, Jul 2008]

**Synonyms:**

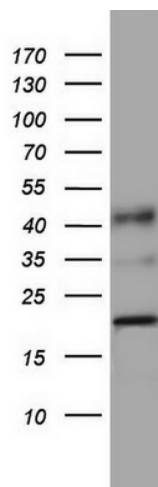
CYP-20; CYPH; SnuCyp-20; USA-CYP

**Protein Pathways:**

Spliceosome

**Product images:**


HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY PPIH (Cat# [RC201529], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PPIH(Cat# [TA803474]). Positive lysates [LY416702] (100ug) and [LC416702] (20ug) can be purchased separately from OriGene.



Western blot analysis of A549 cell lysate (35ug) by using anti-PPIH monoclonal antibody. Dilution: 1:500