

**PPP1R1C Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP18719A**

**Specification**

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**PPP1R1C Antibody (N-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q8WVI7</a>
Other Accession	<a href="#">Q8BKK4</a> , <a href="#">NP_001074014.1</a>
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	12346
Antigen Region	50-76

**PPP1R1C Antibody (N-term) - Additional Information**

**Gene ID** 151242

**Other Names**

Protein phosphatase 1 regulatory subunit 1C, Inhibitor-5 of protein phosphatase 1, IPP5, PPP1R1C

**Target/Specificity**

This PPP1R1C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 50-76 amino acids from the N-terminal region of human PPP1R1C.

**Dilution**

WB~~1:1000

**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**

PPP1R1C Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**PPP1R1C Antibody (N-term) - Protein Information**

**Name** PPP1R1C

**Function** May increase cell susceptibility to TNF-induced apoptosis.

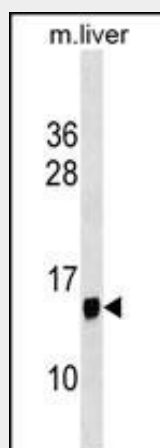
**Cellular Location**

Cytoplasm.

**PPP1R1C Antibody (N-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**PPP1R1C Antibody (N-term) - Images**

PPP1R1C Antibody (N-term)(Cat. #AP18719a) western blot analysis in mouse liver tissue lysates (35ug/lane). This demonstrates the PPP1R1C antibody detected the PPP1R1C protein (arrow).

**PPP1R1C Antibody (N-term) - Background**

Protein phosphatase-1 (PP1) is a major serine/threonine phosphatase that regulates a variety of cellular functions. PP1 consists of a catalytic subunit (see PPP1CA; MIM 176875) and regulatory subunits that determine the subcellular localization of PP1 or regulate its function. PPP1R1C belongs to a group of PP1 inhibitory subunits that are themselves regulated by phosphorylation (Wang et al., 2008 [PubMed 18310074]). [supplied by OMIM].

**PPP1R1C Antibody (N-term) - References**

Dick, D.M., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. (2010) In press :  
Rose, J. Phd, et al. Mol. Med. (2010) In press :  
Zeng, Q., et al. Biotechnol. Appl. Biochem. 54(4):231-238(2009)  
Wang, X., et al. J. Biol. Chem. 283(18):12076-12084(2008)  
Ceulemans, H., et al. Bioessays 24(4):371-381(2002)