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# PPP1R9A Antibody (Center)

**Affinity Purified Rabbit Polyclonal Antibody (Pab)**
**Catalog # AP18808c**

## Specification

### PPP1R9A Antibody (Center) - Product Information

| | |
|---|---|
| Application | **WB,E** |
| Primary Accession | Q9ULJ8 |
| Other Accession | NP_060120.2 |
| Reactivity | **Human** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Isotype | **Rabbit IgG** |
| Calculated MW | **123342** |
| Antigen Region | **455-484** |

### PPP1R9A Antibody (Center) - Additional Information

**Gene ID** 55607

**Other Names**
Neurabin-1, Neurabin-I, Neural tissue-specific F-actin-binding protein I, Protein phosphatase 1 regulatory subunit 9A, PPP1R9A, KIAA1222

**Target/Specificity**
This PPP1R9A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 455-484 amino acids from the Central region of human PPP1R9A.

**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**
PPP1R9A Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

### PPP1R9A Antibody (Center) - Protein Information

**Name** PPP1R9A

**Synonyms** KIAA1222

**Function** Binds to actin filaments (F-actin) and shows cross-linking activity. Binds along the sides of the F-actin. May be involved in neurite formation. Inhibits protein phosphatase 1-alpha activity (By similarity).

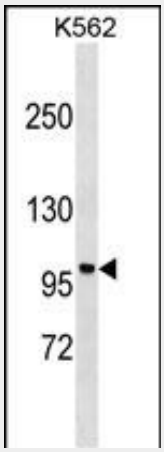
**Cellular Location**
Cytoplasm, cytoskeleton. Synapse, synaptosome

## PPP1R9A Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## PPP1R9A Antibody (Center) - Images




PPP1R9A Antibody (Center)(Cat. #AP18808c) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the PPP1R9A antibody detected the PPP1R9A protein (arrow).

## PPP1R9A Antibody (Center) - Background

This gene is imprinted, and located in a cluster of imprinted genes on chromosome 7q12. This gene is transcribed in both neuronal and multiple embryonic tissues, and it is maternally expressed mainly in embryonic skeletal muscle tissues and biallelically expressed in other embryonic tissues. The protein encoded by this gene includes a PDZ domain and a sterile alpha motif (SAM). It is a regulatory subunit of protein phosphatase I, and controls actin cytoskeleton reorganization. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

## PPP1R9A Antibody (Center) - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
Suarez-Gestal, M., et al. Arthritis Res. Ther. 12 (2), R72 (2010) :
Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)
Nakabayashi, K., et al. J. Med. Genet. 41(8):601-608(2004)