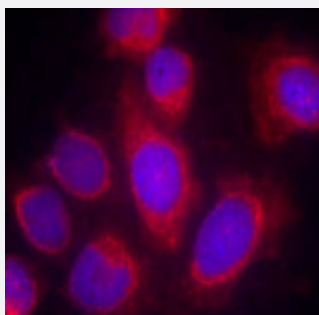


# PPP1R14A polyclonal antibody

Catalog # PAB26801      Size 100 ug

## Applications



### Immunofluorescence

Immunofluorescence staining of methanol-fixed HeLa cells using PPP1R14A polyclonal antibody (Cat # PAB26801 red).

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of PPP1R14A.
<b>Immunogen</b>	A synthetic peptide (conjugated with KLH) corresponding to residues surrounding T38 of human PP P1R14A.
<b>Sequence</b>	R-V-Tp-V-K
<b>Host</b>	Rabbit
<b>Theoretical MW (kDa)</b>	17
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form</b>	Liquid
<b>Purification</b>	Affinity chromatography
<b>Concentration</b>	1 mg/mL
<b>Recommend Usage</b>	Immunofluorescence (1:100-1:200) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)

**Storage Instruction**

Store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Immunofluorescence

Immunofluorescence staining of methanol-fixed HeLa cells using PPP1R14A polyclonal antibody (Cat # PAB26801 red).

## Gene Info — PPP1R14A

**Entrez GeneID**[94274](#)**Protein Accession#**[Q96A00](#)**Gene Name**

PPP1R14A

**Gene Alias**

CPI-17, CPI17, PPP1INL

**Gene Description**

protein phosphatase 1, regulatory (inhibitor) subunit 14A

**Omim ID**[608153](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

PPP1R14A is a phosphorylation-dependent inhibitor of smooth muscle myosin phosphatase (see MIM 603768). Inhibition leads to increased myosin phosphorylation and enhances smooth muscle contraction in the absence of increased intracellular Ca(2+) concentration.[supplied by OMIM]

**Other Designations**

17-KDa protein|17-kDa PKC-potentiated inhibitory protein of PP1|PKC-potentiated inhibitory protein of PP1

## Pathway

- [Vascular smooth muscle contraction](#)