

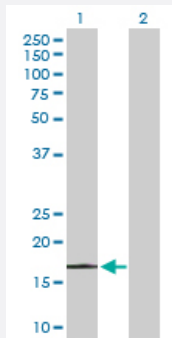
MaxPab®

# PPP1R14A purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00094274-D01P

Size 100 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of PPP1R14A expression in transfected 293T cell line ([H00094274-T02](#)) by PPP1R14A MaxPab polyclonal antibody.

Lane 1: PPP1R14A transfected lysate(16.70 KDa).

Lane 2: Non-transfected lysate.

## Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PPP1R14A protein.
Immunogen	PPP1R14A (NP_150281.1, 1 a.a. ~ 147 a.a) full-length human protein.
Sequence	MAAQRLGKRVLSKLQSPSRARGPGGSPGGLQKRHARVTVKYDRRELQRRLDVEKWIDGRLEEL YRGMEADMPDEINIDELLELESEEERSRKIQGLLKSCGKPVEDFIQELLAKLQGLHRQPGLRQPSP SHDGSLSPQLDRARTAHP
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (85)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

Western Blot analysis of PPP1R14A expression in transfected 293T cell line ([H00094274-T02](#)) by PPP1R14A MaxPab polyclonal antibody.

Lane 1: PPP1R14A transfected lysate(16.70 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

## Gene Info — PPP1R14A

Entrez GeneID [94274](#)

GeneBank Accession# [NM\\_033256.1](#)

Protein Accession# [NP\\_150281.1](#)

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](#)