

**MYPT1 Polyclonal Antibody** 

Catalog # AP71137

## Specification

# **MYPT1** Polyclonal Antibody - Product Information

Application Primary Accession Reactivity Host Clonality WB, IHC-P <u>O14974</u> Human, Mouse, Rat, Monkey Rabbit Polyclonal

## **MYPT1 Polyclonal Antibody - Additional Information**

Gene ID 4659

**Other Names** PPP1R12A; MBS; MYPT1; Protein phosphatase 1 regulatory subunit 12A; Myosin phosphatase-targeting subunit 1; Myosin phosphatase target subunit 1; Protein phosphatase myosin-binding subunit

Dilution WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications. IHC-P~~N/A

**Format** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions -20°C

## **MYPT1** Polyclonal Antibody - Protein Information

Name PPP1R12A (HGNC:7618)

#### Function

Key regulator of protein phosphatase 1C (PPP1C). Mediates binding to myosin. As part of the PPP1C complex, involved in dephosphorylation of PLK1. Capable of inhibiting HIF1AN-dependent suppression of HIF1A activity.

**Cellular Location** Cytoplasm. Cytoplasm, cytoskeleton, stress fiber. Note=Also along actomyosin filaments

Tissue Location

Expressed in striated muscles, specifically in type 2a fibers (at protein level).



# **MYPT1 Polyclonal Antibody - Protocols**

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

- <u>Western Blot</u>
- <u>Blocking Peptides</u>
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## **MYPT1 Polyclonal Antibody - Images**



# MYPT1 Polyclonal Antibody - Background

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