

MYPT1 Polyclonal Antibody

Catalog # AP71137

Specification

MYPT1 Polyclonal Antibody - Product Information

Application WB, IHC-P Primary Accession 014974

Reactivity Human, Mouse, Rat, Monkey

Host Rabbit Clonality 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~ \sim 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).

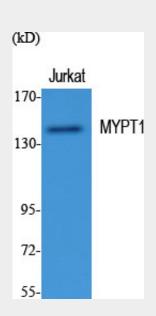


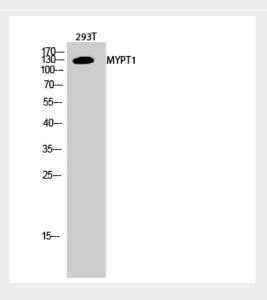
MYPT1 Polyclonal Antibody - Protocols

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

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

MYPT1 Polyclonal Antibody - Images





MYPT1 Polyclonal Antibody - Background

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