10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

MYPT1 (phospho Thr853) Polyclonal Antibody
Catalog # AP67594

Specification

MYPT1 (phospho Thr853) Polyclonal Antibody - Product Information

Application	**IF**
Primary Accession	O14974
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**

MYPT1 (phospho Thr853) 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
IF~~IF: 1:50-200 Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

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

Storage Conditions
-20℃

MYPT1 (phospho Thr853) 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 (phospho Thr853) Polyclonal Antibody - Protocols

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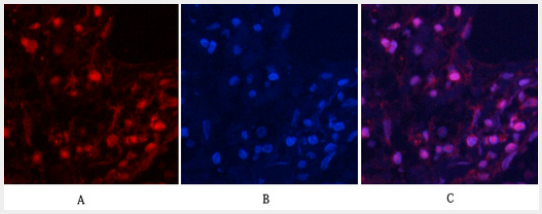
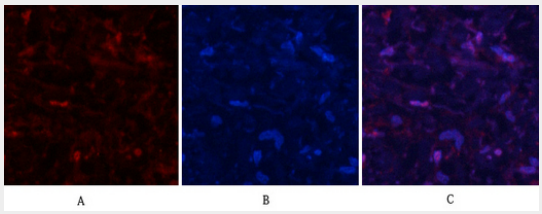
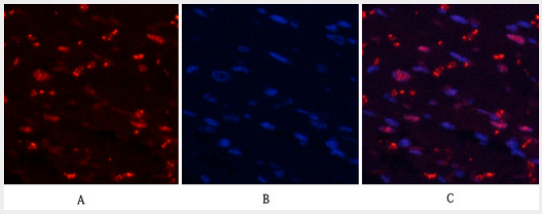
Provided below are standard protocols that you may find useful for product applications.

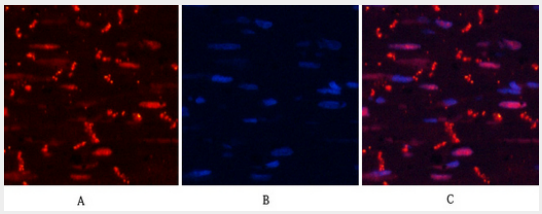
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

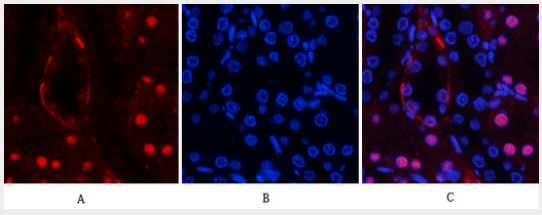
MYPT1 (phospho Thr853) Polyclonal Antibody - Images











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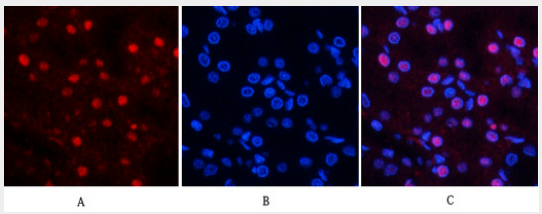

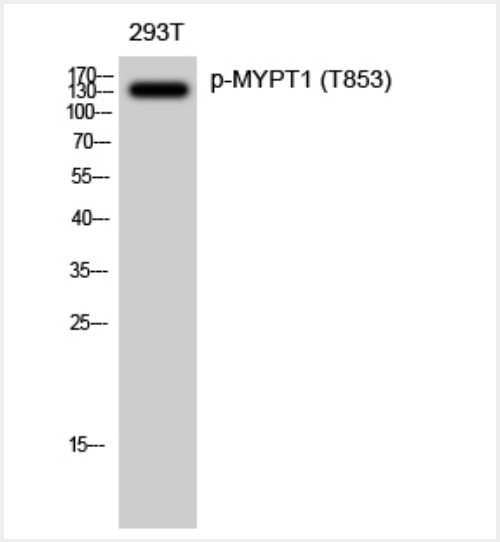

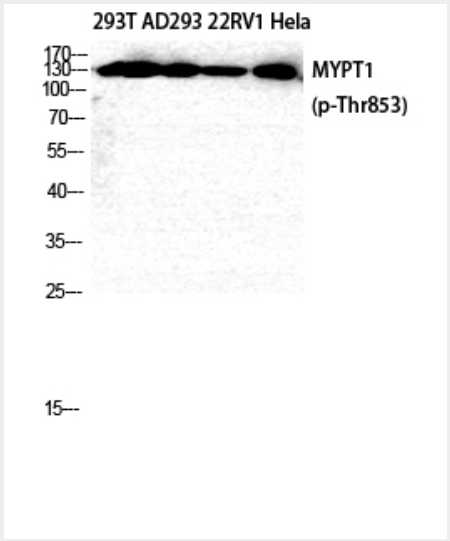

MYPT1 (phospho Thr853) Polyclonal Antibody - Background

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.