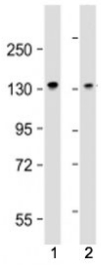
MYPT1 Antibody / Myosin Phosphatase / PPP1R12A (F54069)

Catalog No.	Formulation	Size
F54069-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F54069-0.05ML	Antibody in 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Predicted Reactivity	Chicken, Human, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	O14974
Applications	WB: 1:4000
Limitations	This MYPT1 antibody is available for research use only.



Western blot testing of MYPT1 antibody at 1:4000: Lane 1) mouse C2C12 and 2) mouse NIH3T3 cell lysate. Predicted molecular weight: 110~130 kDa.

Description

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. [UniProt]

Application Notes

The stated application concentrations are suggested starting points. Titration of the MYPT1 antibody may be required due

to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 641-674 from human MYPT1 was used as the immunogen for the MYPT1 antibody.

Storage

Aliquot the MYPT1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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