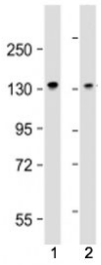
MYPT1 Antibody / Myosin Phosphatase / PPP1R12A (F54069)

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	Western Blot : 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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