

Anti-PPP1R12A antibody

Cat. No.	ml122722
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-PPP1R12A rabbit polyclonal antibody
Applications	ELISA, WB
Immunogen	Fusion protein of human PPP1R12A
Reactivity	Human, Mouse, Rat
Content	0.4 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	PPP1R12A
Full name	protein phosphatase 1, regulatory subunit 12A
Synonyms	MBS; M130; MYPT1
Swissprot	O14974

Target Background

Myosin phosphatase target subunit 1, which is also called the myosin-binding subunit of myosin phosphatase, is one of the subunits of myosin phosphatase. Myosin phosphatase regulates the interaction of actin and myosin downstream of the guanosine triphosphatase Rho. The small guanosine triphosphatase Rho is implicated in myosin light chain (MLC) phosphorylation, which results in contraction of smooth muscle and interaction of actin and myosin in nonmuscle cells. The guanosine triphosphate (GTP)-bound, active form of RhoA (GTP.RhoA) specifically interacted with the myosin-binding subunit (MBS) of myosin phosphatase, which regulates the extent of phosphorylation of MLC.

订购热线: 4008-898-798

Applications

Western blotting

Predicted band size: 115 kDa

Positive control: A172 cells

Recommended dilution: 200-1000

Gel: 6%SDS-PAGE

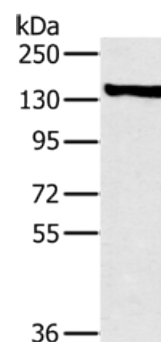
Lysate: 40 µg

Lane: A172 cells

Primary antibody: ml122722(PPP1R12A Antibody) at
dilution 1/450

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5 minutes



ELISA

Recommended dilution: 1000-2000

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