



PPP1R12B Antibody

Product Code	CSB-PA018512GA01HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	O60237
Immunogen	Human PPP1R12B
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Tested Applications	ELISA,WB
Storage Buffer	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3. -20°C, Avoid freeze / thaw cycles.
Purification Method	Antigen Affinity Purified
Isotype	IgG
Alias	protein phosphatase 1, regulatory (inhibitor) subunit 12B;PPP1R12B;MGC131980;MGC87886;MYPT2 ;
Product Type	Purified Rabbit Anti human PolyClonal Antibody
Immunogen Species	Homo sapiens (Human)
Target Names	PPP1R12B
Target Details	<p>Myosin light chain phosphatase (MLCP) consists of three subunits- catalytic subunit, large subunit/myosin binding subunit (MBS) and small subunit (sm-M20). This gene is a multi-functional gene which encodes both MBS and sm-M20. MLCP regulates myosins and the dephosphorylation is enhanced by the presence of MBS. The sm-M20 is suggested to play a regulatory role in muscle contraction by binding to MBS. There are two MBS subunits; myosin light chain phosphatase target subunit 1 (MYPT1)-MBS is encoded by another gene, and myosin light chain phosphatase target subunit 2 (MYPT2)-MBS is encoded by this gene. sm-M20 shows higher binding affinity to MYPT1-MBS than to MYPT2-MBS, even though the two MBS proteins are highly similar. Although both MBSs increase the activity of MLCP, MYPT1-MBS is a more efficient activator. Multiple alternatively spliced transcript variants have been found.</p>
Usage	For Research Use Only. Not for use in diagnostic or therapeutic procedures.