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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PPP1R12B purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00004660-B01P

規格 : [50 ug]

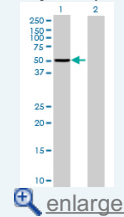
[List All](#)

Specification

Product Description:	Mouse polyclonal antibody raised against a full-length human PPP1R12B protein.
Immunogen:	PPP1R12B (AAH34430, 1 a.a. ~ 386 a.a) full-length human protein.
Sequence:	MAELEHLGGKRAESARMRAEQLRRWRGSLTEQEPAERRGAGRQPLT RRGSPRVRFEDGAVFLAACSSGDTDEVKLLARGADINTVNDGLTALH QACIDENLDMVKFLVENRANVNQQDNEGWTPLHAAASCGYLNIAEYFINH GASVGIVNSEGEVPSDLAEEPAMKDLLLEQVKKQGVLDLEQSRKEEQQ MLQDARQWLNSGKIEDVRQARSGATALHVAAGYSEVLRLLIQAGYEL NVQDYDGWTPLHAAAHWGVKEACSLAEALCDMDIRNKLGGTFFDVADE GLVEHLELLQKKQNVLRSEKETRNKLIESDLNSKIQSGFFKNKEKMLYEEE TPKSQEMEEENKESSSSSSEEEEEGEDEASESETEKEAVLFWPF
Host:	Mouse
Reactivity:	Human
Quality Control Testing:	Antibody reactive against mammalian transfected lysate.
Storage Buffer:	In 1x PBS, pH 7.4
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
MSDS:	 Download
Datasheet:	 Download

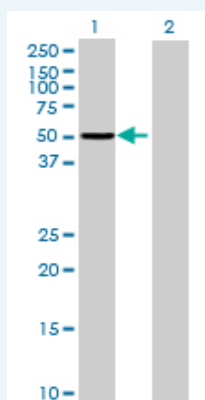
Application Image

Western Blot (Transfected lysate)



Applications

Western Blot (Transfected lysate)



Western Blot analysis of PPP1R12B expression in transfected 293T cell line ([H00004660-T01](#)) by PPP1R12B MaxPab polyclonal antibody.

Lane 1: PPP1R12B transfected lysate(42.57 KDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [4660](#)

**GeneBank
Accession#:** [BC034430](#)

**Protein
Accession#:** [AAH34430](#)

Gene Name: PPP1R12B

Gene Alias: MGC131980,MGC87886,MYPT2

**Gene
Description:** protein phosphatase 1, regulatory (inhibitor) subunit 12B

Omim ID: [603768](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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. MBS is also encoded by another gene, myosin light chain phosphatase target subunit 1. sm-M20 shows higher binding affinity to this gene product than to myosin light chain phosphatase target subunit 2-MBS even though the two MBS proteins are highly similar. Although both MBSs increase the activity of MLCP, myosin light chain phosphatase target subunit 1-MBS is a more efficient activator. There are four alternatively spliced transcript variants described; two alter the MBS coding region and two alter the sm-M20 coding region of this gene. [provided by RefSeq]

**Other
Designations:** myosin phosphatase regulatory subunit,myosin phosphatase, target subunit 2

Gene Pathway

[Vascular smooth muscle contraction](#)

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