

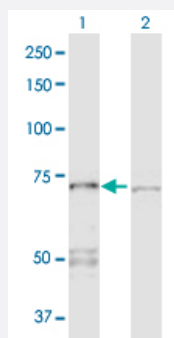
MaxPab®

PPP2R1A purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005518-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PPP2R1A expression in transfected 293T cell line ([H00005518-T02](#)) by PPP2R1A MaxPab polyclonal antibody.

Lane 1: PPP2R1A transfected lysate(65.30 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human PPP2R1A protein.

Immunogen

PPP2R1A (NP_055040.2, 1 a.a. ~ 589 a.a) full-length human protein.

Sequence

MAAADGDDSLYPIAVLIDELRNEDVQLRLNSIKKLSTIALALGVERTRSELLPFLTDITYDEDEVLLAL
AEQLGTFTTLVGGPEYVHCLLPPLSLATVEETVVRDKAVESLRAISHEHSPSDLEAHFVPLVKRL
AGGDWFTSRTSACGLFSVCYPRVSSAVKAELRQYFRNLCSDDTPMVRRAAASKLGEFAKVLEL
DNVKSEIIPMFSNLASDEQDSVRLLAVEACVNIAQLLPQEDLEALVMPTLRQAAEDKSWRVRYMV
ADKFTTELQKAVGPEITKTDLVPAFQNLMKDCEAEVRAAASHKVKEFCENLSADCRENVIMSQLP
CIKELVSDANQHVKSALASVIMGLSPILGKDNTIEHLLPLFLAQLKDECPEVRLNIISNLDCVNEVIGI
RQLSQSLLPAVELAEDAKWRVRLAIIYMPLLAGQLGVEFFDEKLNSLCMAWLVDHVYAIREAAT
SNLKKLVEKFGKEWAHATIIPKVLAMSGDPNYLHRMTTLFCINVLSEVCGQDITTKHMLPTVLRMA
GDPVANVRFNVAKSLQKIGPILDNSTLQSEVKPILEKLTQDQDQVDVKYFAQEALTVLSLA

Host

Rabbit

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.

Applications

- Western Blot (Transfected lysate)

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[Protocol Download](#)

Gene Info — PPP2R1A

Entrez GeneID [5518](#)

GeneBank Accession# [NM_014225](#)

Protein Accession# [NP_055040.2](#)

Gene Name PPP2R1A

Gene Alias MGC786, PR65A

Gene Description protein phosphatase 2 (formerly 2A), regulatory subunit A, alpha isoform

Omim ID [605983](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a constant regulatory subunit of protein phosphatase 2. Protein phosphatase 2 is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The constant regulatory subunit A serves as a scaffolding molecule to coordinate the assembly of the catalytic subunit and a variable regulatory B subunit. This gene encodes an alpha isoform of the constant regulatory subunit A. [provided by RefSeq]

Other Designations PP2A, subunit A, PR65-alpha isoform|PP2A, subunit A, R1-alpha isoform|alpha isoform of regulatory subunit A, protein phosphatase 2|medium tumor antigen-associated 61 KDA protein|protein phosphatase 2 (formerly 2A), regulatory subunit A (PR 65), alpha isoform

Pathway

- [Long-term depression](#)
- [TGF-beta signaling pathway](#)
- [Tight junction](#)
- [Wnt signaling pathway](#)

Disease

- [Breast Diseases](#)
- [Breast Neoplasms](#)
- [Precancerous Conditions](#)