

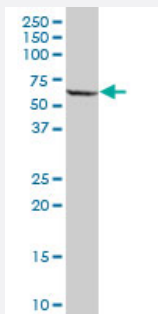
MaxPab®

PPP2R5A purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005525-B01P

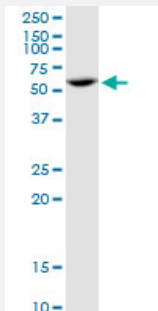
Size 50 ug

Applications



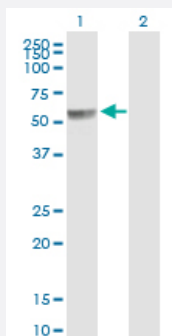
Western Blot (Tissue lysate)

PPP2R5A MaxPab polyclonal antibody. Western Blot analysis of PPP2R5A expression in human placenta.



Western Blot (Cell lysate)

PPP2R5A MaxPab polyclonal antibody. Western Blot analysis of PPP2R5A expression in Jurkat.



Western Blot (Transfected lysate)

Western Blot analysis of PPP2R5A expression in transfected 293T cell line ([H00005525-T01](#)) by PPP2R5A MaxPab polyclonal antibody.

Lane 1: PPP2R5A transfected lysate(53.46 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PPP2R5A protein.

Immunogen	PPP2R5A (NP_006234.1, 1 a.a. ~ 486 a.a) full-length human protein.
Sequence	MSSSSPPAGAASAAISASEKVDGFTRKSVRKAQRQKRSQGSSQFRSQGSQAELHPLPQLKDAT SNEQQELFCQKLQCCILFDFMDSVSDLKSKEIKRATLNELVEYVSTNRGVIVESAYS DIVKMISAN IFRTLPPSDNPDFDPEEDEPTLEASWPHIQLVYEFFLRFLFESPDFQPSIAKRYIDQKFVQQLELFD SEDPRERDFLKTVLHRYGKFLGLRAFIRKQINNIFLRFIYETEHFNGVAELLEILGSIINGFALPLKAEH KQFLMKVLIPMHTAKGLALFHAQLAYCVVQFLEKDTTLTEPVIRGLLKFWPKTCSQKEVMFLGEIE EILDVIEPTQFKKIEEPLFKQISKCVSSSHFQVAERALYFWNNEYILSLIEENIDKILPIMFASLYKISKE HWNPTVALVYNVLKTLMEMNGKLFDDLTSSYKAERQREKKKELEREELWKKLEELKLKKALEKQ NSAYNMHSILSNTSAE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (98)
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 (Tissue lysate)

PPP2R5A MaxPab polyclonal antibody. Western Blot analysis of PPP2R5A expression in human placenta.

[Protocol Download](#)

- Western Blot (Cell lysate)

PPP2R5A MaxPab polyclonal antibody. Western Blot analysis of PPP2R5A expression in Jurkat.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PPP2R5A expression in transfected 293T cell line ([H00005525-T01](#)) by PPP2R5A MaxPab polyclonal antibody.

Lane 1: PPP2R5A transfected lysate(53.46 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — PPP2R5A

Entrez GeneID [5525](#)

GeneBank Accession# [NM_006243.2](#)

Protein Accession# [NP_006234.1](#)

Gene Name PPP2R5A

Gene Alias B56A, MGC131915, PR61A

Gene Description protein phosphatase 2, regulatory subunit B', alpha isoform

Omim ID [601643](#)

Gene Ontology [Hyperlink](#)

Gene Summary The product of this gene belongs to the phosphatase 2A regulatory subunit B family. Protein phosphatase 2A 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 B regulatory subunit might modulate substrate selectivity and catalytic activity. This gene encodes an alpha isoform of the regulatory subunit B56 subfamily. [provided by RefSeq]

Other Designations OTTHUMP00000034891|PP2A, B subunit, B' alpha isoform|PP2A, B subunit, B56 alpha isoform|PP2A, B subunit, PR61 alpha isoform|PP2A, B subunit, R5 alpha isoform|protein phosphatase 2, regulatory subunit B (B56), alpha isoform|serine/threonine protein phosphatase

Publication Reference

- [A novel tumor-derived SGOL1 variant causes abnormal mitosis and unstable chromatid cohesion.](#)

Kahyo T, Iwaizumi M, Shinmura K, Matsuura S, Nakamura T, Watanabe Y, Yamada H, Sugimura H.

Oncogene 2011 Nov; 30(44):4453.

Application: IF, Human, HCT-116 cells

Pathway

- [Wnt signaling pathway](#)