

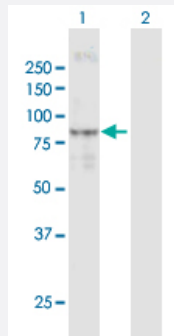
MaxPab®

INPP5B purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003633-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of INPP5B expression in transfected 293T cell line ([H00003633-T01](#)) by INPP5B MaxPab polyclonal antibody.

Lane 1: INPP5B transfected lysate (82.28 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human INPP5B protein.

Immunogen

INPP5B (AAH58932.1, 1 a.a. ~ 748 a.a) full-length human protein.

Sequence

MDQSVAIQETLAEGEYCVIAVQGVLCESRQSRLLGLVRYRLEHGGQEHALFLYTHRRMAITGD
DVSLDQMPVSRDFTLEEVSPDGELYILGSDVTVQLDTAELSLVFQLPFGSQTRMFLHEVARACP
GFDSATRDPEFLWLSRYRCAELEEMPTPRGCNSALVTWPGYATIGGGGSNFDGLRPNKGKVP
MDQSSRGQDKPESLQPRQNKSKSEITDMVRSSTITVSDKAHILSMQKFGRLDITVKSHLLQKEED
YTIQNFRRFFAGTYNVNGQSPKECLRLWLSNGIQAPDVYCVGFQELDSLKEAFFFHDTTPKEEWF
KAVSEGLHPDAKYAKVKLIRLVGIMLLLYVKQEHAAYISEVEAETVGTGIMGRMGNGKGGVAIRFQFH
NTSICVVNSHLAAHIEEYERRNQDYKDICSRMQFCQPDPSLPPLTISNHDVILWLGDLYNRIEELDV
EKVKKLIEEKDFQMLYAYDQLKIQVAAKTVFEGFTEGELTFQPTYKYDTGSDDWDTSEKCRAPAW
CDRLWKGNITQLSYQSHMALKTSDHKPVSSVFDIGVRVVDNELYRKTLEEVRLDKMENANIPS
VLSKREFCFQNVKYMQLKVESFTIHNGQVPCHFEFINKPDEESYCKQWLNANPSRGFLLPDSD
VEIDLELFVNKTTATKLNSGEDKIEDILVLHLDRGKDYFLSVSGNYLPSCFGSPIHTLCYMRPILDL
PLETISELLAYLAAYCFETQLVTKSLI

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (79); Rat (86)
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.

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[Protocol Download](#)

Gene Info — INPP5B

Entrez GeneID	3633
GeneBank Accession#	NM_005540.1
Protein Accession#	AAH58932.1
Gene Name	INPP5B
Gene Alias	5PTase, MGC65156, MGC71303
Gene Description	inositol polyphosphate-5-phosphatase, 75kDa
Omim ID	147264
Gene Ontology	Hyperlink

Gene Summary	Cellular calcium signaling is controlled by the production of inositol phosphates (IPs) by phospholipase C in response to extracellular signals. The IP signaling molecules are inactivated by a family of inositol polyphosphate-5-phosphatases (5-phosphatases). This gene encodes the type II 5-phosphatase. The protein is localized to the cytosol and mitochondria, and associates with membranes through an isoprenyl modification near the C-terminus. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq]
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Other Designations

OTTHUMP00000004726|phosphoinositide 5-phosphatase|type II inositol-1,4,5-trisphosphate 5-phosphatase

Pathway

- [Inositol phosphate metabolism](#)
- [Metabolic pathways](#)
- [Phosphatidylinositol signaling system](#)

Disease

- [Disease](#)
- [Genetic Predisposition to Disease](#)