

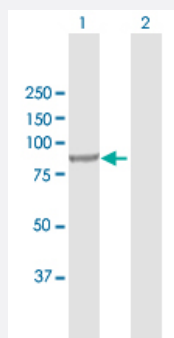
MaxPab®

INPP5B purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00003633-D01P

Size 100 ug

Applications

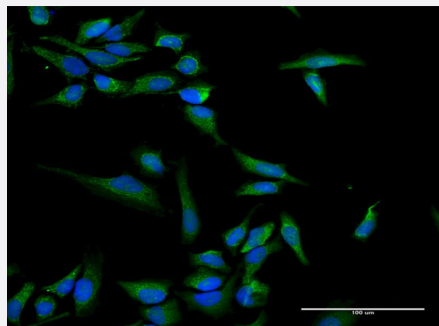


Western Blot (Transfected lysate)

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

Lane 1: INPP5B transfected lysate (85.00 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to INPP5B on HeLa cell. [antibody concentration 30 ug/ml]

Specification

Product Description

Rabbit 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 YTIQNFRFFAGTYNVNGQSPKECLRLWLSNGIQAPDVYCVGFQELDLSKEAFFFHDTTPKEEWF KAVSEGLHPDAKYAKVKLIRLVGIMLLLYVKQEHAAYISEVEAETVGTGIMGRMGNGGGVAIRFQFH NTSICVVNSHLAAHIEEYERRNQDYKDICSRMQFCQPDPSLPPLTISNHDVILWLGDLNYRIEELDV EKVKKLIEEKDFQMLYAYDQLKIQVAAKTVFEGFTEGELTFQPTYKYDTGSDDWDTSEKCRAPAW CDRILWKGKNITQLSYQSHMALKTSDHKPVSSVFDIGVRVVNDELYRKTLEEVRLDKMENANIPS VLSKREFCFQNVKYMQLKVESFTIHNGQVPCHFEFINKPDEESYCKQWLNANPSRGFLLPDSD VEIDLELFVNKTTATKLNSGEDKIEDILVLHLDRGKDYFLSVSGNYLPSCFGSPIHTLCYMREPILDL PLETISELLAYLAAYCFETQLVTKSLI
Host	Rabbit
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.

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(85.00 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of [purified](#) MaxPab antibody to INPP5B on HeLa cell. [antibody concentration 30 ug/ml]

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]
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](#)