

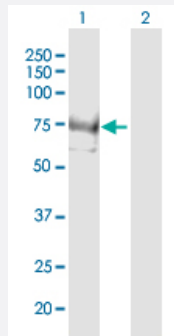
MaxPab®

INPP5E purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00056623-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of INPP5E expression in transfected 293T cell line ([H00056623-T01](#)) by INPP5E MaxPab polyclonal antibody.

Lane 1: INPP5E transfected lysate(70.84 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human INPP5E protein.

Immunogen

INPP5E (NP_063945.2, 1 a.a. ~ 644 a.a) full-length human protein.

Sequence

MPSKAENLRPSEPAPQPPEGRTLQGQLPGAPPAQRAGSPDPAGSESPALACSTPATPSGED
PPARAAPAPRPPARPRLERALSLDDKGWRRRRFRGSQEDLEARNGTSPSRGSGVQSEGPAPA
HSCSPPCLSTSLQEIPKSRGVLSSERGSPPSSGGNPLSGVASSSPNLPHRDAAVAGSSPRLPSLL
PPRPPPALSLDIASDSLRTANKVDSLDLADYKLRAQPLLVRHSSLGPGRPRSPACDDCSLRS
KSSFSLAPIRSKDVRSRSYLEGSLASGALLGADELARYFPDRNVALFVATWNMQGQKELPPSL
DEFLPAEADYAQDLYVIGVQEGCSDRREWETRLQETLGPHYVLLSSAAHGVLYMSLFIRRDLMWF
CSEVECSTVTTRMSQIKTKGALGISFTFFGTSTFLFITSHFTSGDGKVAERLLDYTRTVQALVLP
PDNTPYRSSAADVTTRFDEVFWFGDFNFRSLGGRTVVDALLCQGLVVDVPALLQHDQLIREMRK
GSIFKGFQEPDIHFLPSYKFDIGKDTYDSTSKQRTPSYTDRLVYRSRHKGDICPVSYSSCPGKTS
DHRPVYGLFRVKVRPGRDNIPLAAGKFDRELYLLGIKRRISKEIQRQQALQSQNSSTICSVS

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (76); Rat (76)

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 — INPP5E

Entrez GeneID	56623
GeneBank Accession#	NM_019892.3
Protein Accession#	NP_063945.2
Gene Name	INPP5E
Gene Alias	MGC117201, PPI5PIV
Gene Description	inositol polyphosphate-5-phosphatase, 72 kDa
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is an inositol 1,4,5-trisphosphate (InsP3) 5-phosphatase. InsP3 5-phosphatases hydrolyze Ins(1,4,5)P3, which mobilizes intracellular calcium and acts as a second messenger mediating cell responses to various stimulation. Studies of the mouse counterpart suggest that this protein may hydrolyze phosphatidylinositol 3,4, 5-trisphosphate and phosphatidylinositol 3,5-bisphosphate on the cytoplasmic Golgi membrane and thereby regulate Golgi-vesicular trafficking. [provided by RefSeq]
Other Designations	OTTHUMP00000022575 inositol polyphosphate-5-phosphatase E phosphatidylinositol (4,5) biphosphate 5-phosphatase phosphatidylinositol polyphosphate 5-phosphatase type IV

Pathway

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