

DNAxPAb

Hard-to-Find
Antibody

INPP5E DNAxPab

Catalog # H00056623-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human INPP5E DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MPSKAENLRPSEPAPQPPEGRTLQGQLPGAPPAQRAGSPPDAPGSESPALACSTPATPSGED
PPARAAPIAPRPPARPRLERALSLDDKGWRRRRFRGSQEDLEARNGTSPSRGSVQSEGP
HSCSPPCLSTSLQEIPKSRGVLSSERGSPSSGGNPLSGVASSSPNLPHRDAAVAGSSPRLPSLL
PPRPPPALSDDIASDSLRTANKVDSLDLADYKLRAPLLVRAHSSLGPGRPRSPLACDDCSLRS
KSSFSLAPIRSKDVRSRSYLEGSLASGALLGADELARYFPDRNVALFVATWNMQGQKELPPSL
DEFLLPAEADYAQDLYVIGVQEGCSDRREWETRLQETLGPYVLLSSAAHGVLYMSLFIRDLWF
CSEVECSTVTTRMSQIKTKGALGISFTFFGTSFLFITSHFTSGDGKVAERLLDYTRTVQALVLP
PDNTPYRSSAADVTTRFDEVFWFGDFNFRLSGGRTVVDALLCQGLVVDVPALLQHDQLIREMRK
GSIFKGFQEPDIHFLPSYKFDIGKDTYDSTSKQRTPSYTDRLVYRSRHKGDICPVSYSSCPGIKTS
HRPVYGLFRVKVRPGRDNIPLAAGKFDRELYLLGIKRRISKEIQRQALQSQNSSTICSVS

Host Rabbit

Reactivity Human

Purification Protein A

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)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

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](#)