

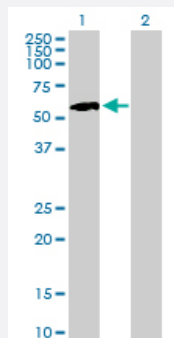
MaxPab®

IHPK1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009807-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of IP6K1 expression in transfected 293T cell line ([H00009807-T01](#)) by IP6K1 MaxPab polyclonal antibody.

Lane 1: IHPK1 transfected lysate(48.51 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human IHPK1 protein.

Immunogen

IHPK1 (NP_695005.1, 1 a.a. ~ 441 a.a) full-length human protein.

Sequence

MCVCQTMEVGQYGKNASRAGDRGVLLPEFIHQVGGHSSMMRYDDHTVCKPLISREQRFYESLPP
EMKEFTPEYKGVVSVCFEGSDGYINLVAYPYVESETVEQDDTTEREQPRRKHSRRSLHRSGSG
SDHKEEKASLSLETSESSQEAKSPKVELHSHSEVPFQMLDGNSGLSSEKISHNPWSLRCHKQQ
LSRMRSESKDRKLYKFLLENVHHFKYPCVLDLKMGTQRQHGGDDASAEKAARQMRKCEQSTSA
TLGVRVCGMQVYQLDTGHYLCRNKYGRGLSIEGFRNALYQYLHNGLDLRRDLFEPILSKLRGLKA
VLERQASYRFYSSLLVYDGEKCRAESCLDRRSEMRLKHLDMLVLEPVASSCGPSTSPSNTSPE
AGPSSQPKVDVRMIDFAHSTFKGFRDDPTVHDGPDRGYVFGLENLISIMEQMRDENQ

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (95); Rat (94)

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 — IP6K1

Entrez GeneID [9807](#)

GeneBank Accession# [NM_153273.3](#)

Protein Accession# [NP_695005.1](#)

Gene Name IP6K1

Gene Alias IHPK1, MGC9925, PiUS

Gene Description inositol hexakisphosphate kinase 1

Omim ID [606991](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein that belongs to the inositol phosphokinase (IPK) family. This protein is likely responsible for the conversion of inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5). It may also convert 1,3,4,5,6-pentakisphosphate (InsP5) to P-P-InsP4. Alternative splicing occurs for this gene; however, the full-length nature of all transcript variants has not yet been described. [provided by RefSeq]

Other Designations ATP:1D-myo-inositol-hexakisphosphate phosphotransferase|Pi uptake stimulator|inositol hexakisphosphate kinase 1|insP6 kinase 1

Disease

- [Crohn Disease](#)

- [Genetic Predisposition to Disease](#)