

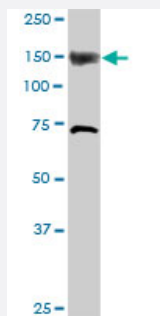
MaxPab®

ITPKB purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00003707-D01P

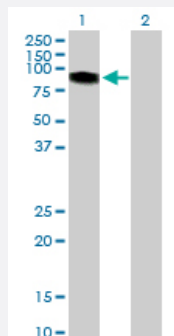
Size 100 ug

Applications



Western Blot (Tissue lysate)

ITPKB MaxPab rabbit polyclonal antibody. Western Blot analysis of ITPKB expression in mouse liver.



Western Blot (Transfected lysate)

Western Blot analysis of ITPKB expression in transfected 293T cell line ([H00003707-T01](#)) by ITPKB MaxPab polyclonal antibody.

Lane 1: ITPKB transfected lysate(67.40 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human ITPKB protein.

Immunogen

ITPKB (AAH15009.1, 1 a.a. ~ 644 a.a) full-length human protein.

Sequence

MAVYCYALNSLVIMNSANEMKSGGGPGPSGSETPPPPRRRAVLSPGSVFSPGRGASFLFPPAESL
SPEEPRSPGGWRSRRRLNSSSGSGSGSSVSSPSWAGRLRGDRQQVVAAGTLSPPGPE
EAKRKLRLQRELQNVQVNQKVGMEAHIAQSSAIQAPRSPRLGRAHSPSPCFRSSSQPPGR
VLVQGARSEERTKSWGEQCPETSGTDSGRKGGPSLCSSQVKKGMPPLPGRAAPTGSEAQGP
SAFVRMEKGIPASPRCGSPTAMEIDKRGSPTPGTRSCLAPSLGLFGASLTMAATEVAARVTSTGPH
RPQDLALTEPSGRARELEDLQPPEALVERQQQFLGSETSPAPERGGPRDGEPPGKMGKGYLPC
GMPGSGEPEVGKRPEETTVSVQSAESSDALSWRLPRALASVGPEEARSGAPVGGGRWQLS
DRVEGGSPTLGLLGGSPSAQPGTGNVEAGIPSGRMLEPLPCWDAAKDLKEPQCPCPPGDRVGQ
PGNSRVWQGTMEKAGLAWTRGTGVQSEGTWESQRQDSDALPSELLPQDQDKPFLRKACSP
SNIPAVIITDMGTQEDGALEETQGSPRGNLPLRKLSSSSASSTGFSSSYEDSEEDISSDPERTLDP
NSAFLHTLDQQKPRV

Host

Rabbit

Reactivity

Human, Mouse

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 (Tissue lysate)

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[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of ITPKB expression in transfected 293T cell line ([H00003707-T01](#)) by ITPKB MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — ITPKB

Entrez GeneID

[3707](#)

GeneBank Accession#

[BC015009.1](#)

Protein Accession#

[AAH15009.1](#)

Gene Name	ITPKB
Gene Alias	IP3K, IP3K-B, IP3KB, PIG37
Gene Description	inositol 1,4,5-trisphosphate 3-kinase B
Omim ID	147522
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this protein regulates inositol phosphate metabolism by phosphorylation of second messenger inositol 1,4,5-trisphosphate to Ins(1,3,4,5)P4. The activity of this encoded protein is responsible for regulating the levels of a large number of inositol polyphosphates that are important in cellular signaling. Both calcium/calmodulin and protein phosphorylation mechanisms control its activity. [provided by RefSeq]
Other Designations	1D-myo-inositol-trisphosphate 3-kinase B IP3 3-kinase OTTHUMP00000035705 proliferation-inducing protein 37

Pathway

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

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Tobacco Use Disorder](#)