

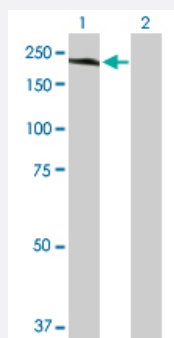
MaxPab®

HISPPD2A purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009677-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of HISPPD2A expression in transfected 293T cell line ([H00009677-T02](#)) by HISPPD2A MaxPab polyclonal antibody.

Lane1:HISPPD2A transfected lysate(157.63 KDa).

Lane2:Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human HISPPD2A protein.

Immunogen

HISPPD2A (AAH57395.1, 1 a.a. ~ 1433 a.a) full-length human protein.

Sequence

MWSLTASEGESTTAHFFFLGAGDEGLGTRGIGMRPEESDSELLEDEEDEVPPPEQIIVGICAMTKK
SKSKPMTQILERLCRFDYLTVVLGEDVILNEPVENWPSCHCLISFHSKGFPLDKAVAYSKLRNPFL
INDLAMQYYIQDRREVYRILQEEGIDLPRYAVLNRPDPARPEECNLIEGEDQVEVNGAVFPKPFVEKP
VSAEDHNVYYYPSSAGGGSQRLFRKIGSRSSVSPSSVRKTGSYIYEEFMPTDGTDVKVYTVGP
DYAHAEARKSPALDGKVERDSEGKEIRYPVMLTAMEKLVARKVCVAFKQTVCGFDLLRANGHSF
VCDVNGFSFVKNSMKYYDDCAKILGNTIMRELAPQFQIPWSIPTAEDIPVPTTSGTMMELCVIAII
RHGDRTPKQKMKMEVKHPRFFALFEKHGGYKTGKLKLRPEQLQEVLDIRLLLAEELEKEPGGEI
EEKTGKLEQLKSSVLEMYGHFSGINRKVQLTYYPHGKASNEGQDPQRETLPASLLLVLKWGGELT
PAGRVQAEELGRAFRMYPGGQGDYAGFPGCGLLRHSTFRHDLKIYASDEGRVQMTAAFAK
GLLALEGELTPILVQMVKSANMNGLLDSDGDSLSSCQHRVKARLHHILQQDAPFGPEDYDQLAPT
RSTSLNNSMTIQNPVKVCDQVFALIENLTHQIRERMQDPRSVDLQLYHSETLELMLQRWSKLERD
FRQKSGRYDISKIPDIYDCVKYDVQHNGSLGLQGTAEALLRLSKALADVVIPQEYGISREEKLEIAVGF
CLPLLRKILLDLQRTHEDSVNKLHPLCYLRYSRGLVSPGRHVRTRLTYFTSESHVHLLSVFRYGG
LLEDETQDAQWQRALDYLSAISELNYMTQVIMLYEDNTQDPLSEERFHVELHFSPGVKGVEEEGS
APAGCGFRPASSENEEMKTNQGS MENLCPGKASDEPDALQTSPQPPEGPGLRRSPLIRNRK
AGSMEVLSETSSSRPGGYRLFSSSRPPTMKSGLGSQCTGLFSTTVLGGSSSAPNLQDYARS
HGKKLPPASLKHRELLFVPAVKRFSVSFAKHPTNGFEGCSMVPTIYPLETLHNALSLRQVSEFL
SRVCQRHTDAQAQAASALFDSMHSSQASDNPFSPRTLHSPPLQLQQRSEKPPWYSSGPSST
VSSAGPSSPTTVDGNSQFGFSDQPSLNSHVAEEHQGLLQETPGSGAQELSIEGEQELFEPNQ
SPQVPPMETSQPYEEVSQPCQEVDPDISQPCQDISEALSQPCQKVPDISQQCQENHDNGNHTCQ
EVPHISQPCQKSSQLCQKVSEEVCLCLENSEEVSQPCQGVSEVGKLVHKFHVGVGSLVQET
LVEVGSPAEEIPEEVIQPYQEFVSVEVGRLAQETSAINLLSQGIPEIDKPSQEFPEEIDLQAQEVPEEI
N

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (90); Rat (89)

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 HISPPD2A expression in transfected 293T cell line ([H00009677-T02](#)) by HISPPD2A MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — HISPPD2A

Entrez GeneID [9677](#)**GeneBank Accession#** [BC057395.1](#)**Protein Accession#** [AAH57395.1](#)**Gene Name** HISPPD2A**Gene Alias** DKFZp313L0221, IP6K, IPS1, KIAA0377, MGC51871, PPIP5K1, VIP1**Gene Description** histidine acid phosphatase domain containing 2A**Omim ID** [610979](#)**Gene Ontology** [Hyperlink](#)

Gene Summary Inositol phosphates (IPs) and diphosphoinositol phosphates (PP-IPs), also known as inositol pyrophosphates, act as cell signaling molecules. HISPPD2A has both IP6 kinase (EC 2.7.4.21) and P P-IP5 (also called IP7) kinase (EC 2.7.4.24) activities that produce the high-energy pyrophosphates PP-IP5 and PP2-IP4 (also called IP8), respectively (Fridy et al., 2007 [PubMed 17690096]).[supplied by OMIM]

Other Designations OTTHUMP00000066121|OTTHUMP00000066123|inositol pyrophosphate synthase 1