

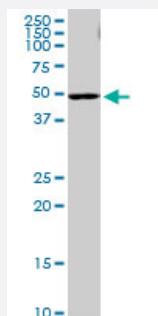
MaxPab®

PI4KII purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00055361-B01P

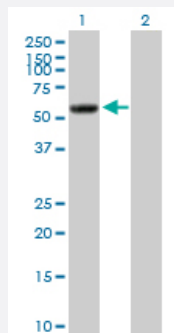
Size 50 ug

Applications



Western Blot (Cell lysate)

PI4K2A MaxPab polyclonal antibody. Western Blot analysis of PI4K2A expression in HepG2.



Western Blot (Transfected lysate)

Western Blot analysis of PI4KII expression in transfected 293T cell line by PI4KII MaxPab polyclonal antibody.

Lane 1: PI4KII transfected lysate(52.69 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PI4KII protein.

Immunogen

PI4KII (NP_060895.1, 1 a.a. ~ 479 a.a) full-length human protein.

Sequence

MDETSPLVSPERAQPPDYTFPSGSGAHFPQVPGGAVRVAAAAGSGSPSPGSGHDRERQPLL
DRARGAAAQGQTQTVAQAQALAAQAAAAHAAQAHRERNEFPEDPEFEAVVRQAELAIERCIF
PERIYQGSSGSYFVKDPQGRIIAVFKPKNEEPYGHLPKWTKWLQKLCCPCCFGRDCLVLNQGYL
SEAGASLVDQKLELNVPRTKVVYLASETFNYSIDRVKSRGKRLALEKVPKVGQRFNRIGLPPKV
GSFQLFVEGYKDADYWLRRFEAEPLPENTNRQLLLQFERLVLDYIIRNTDRGNDNWLKIDCPMD
SSSRD TDWVVKEPVIKVAIDNGLAFPLKHPDSWRAYPFYWAWLPQAKVPFSQEIKDLILPKIS
DPNFVKDLEEDLYELFKKDPGFDRGQFHKQIAVMRGQILNLQALKDNKSPLHLVQMPPVIVETA
RSHQRSSSESYSFQSRKPFSSWW

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.

Applications

- Western Blot (Cell lysate)

PI4K2A MaxPab polyclonal antibody. Western Blot analysis of PI4K2A expression in HepG2.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PI4KII expression in transfected 293T cell line by PI4KII MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — PI4K2A

Entrez GeneID	55361
GeneBank Accession#	NM_018425
Protein Accession#	NP_060895
Gene Name	PI4K2A
Gene Alias	DKFZp761G1923, PI4KII, PIK42A, RP11-548K23.6
Gene Description	phosphatidylinositol 4-kinase type 2 alpha
Omim ID	609763
Gene Ontology	Hyperlink

Gene Summary

Phosphatidylinositolpolyphosphates (PtdInsPs) are centrally involved in many biologic processes, ranging from cell growth and organization of the actin cytoskeleton to endo- and exocytosis. PI4KII phosphorylates PtdIns at the D-4 position, an essential step in the biosynthesis of PtdInsPs (Barylko et al., 2001 [PubMed 11244087]).[supplied by OMIM]

Other Designations

OTTHUMP00000020224|phosphatidylinositol 4-kinase type II (PI4KII)

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)