

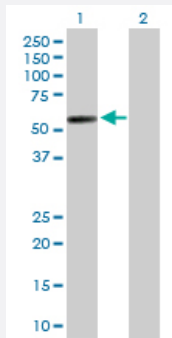
MaxPab®

PI4K2A purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00055361-D01P

Size 100 ug

Applications

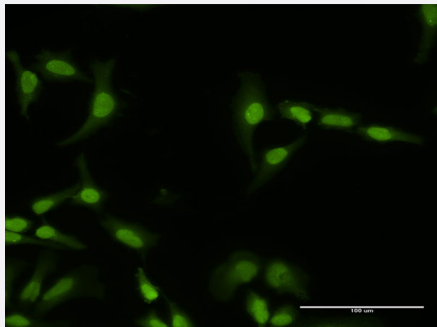


Western Blot (Transfected lysate)

Western Blot analysis of PI4K2A expression in transfected 293T cell line (H00055361-T02) by PI4K2A MaxPab polyclonal antibody.

Lane 1: PI4K2A transfected lysate (54.00 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PI4K2A on HeLa cell. [antibody concentration 30 ug/ml]

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human PI4K2A protein.

Immunogen

PI4K2A (NP_060895.1, 1 a.a. ~ 479 a.a) full-length human protein.

Sequence

MDETSPLVSPERAQPPDYTFPSGSGAHFPQVPGGAVRVAAAAGSGSPSPGSGHDERERQPLL
DRARGAAAQGGTQTVAQAQALAAQAAAAAHAQAHRERNEFPEDPEFEAVVRQAELAIERICIF
PERIYQGSSGSYFVKDPQGRIIAVFKPKNEEPYGHLPKWKWLQKLCCPCCFGRDCLVLNQGYL
SEAGASLVDQKLELNVPRTKVVLASETFNYSIDRVKSRGKRLALEKVPKVGQRFNRIGLPKPV
GSFQLFVEGYKDADYWLRRFEAEPLPENTNRQLLLQFERLVLDYIIRNTDRGNDNWLKDYDCPMD
SSSRD TDWVVKEPVIKVAIDNGLAFPLKHPDSWRAYPFYWAWLPQAKVPFSQEIKDLILPKIS
DPNFVKDLEEDLYELFKKDPGFD RGQFHKQIAVMRGQILNLQALKDNKSPLHLVQMPPVIVETA
RSHQRSSSESYSYTSFQSRKPFFSWW

Host	Rabbit
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 (Transfected lysate)

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PI4K2A on HeLa cell. [antibody concentration 30 ug/ml]

Gene Info — PI4K2A

Entrez GeneID	55361
GeneBank Accession#	NM_018425
Protein Accession#	NP_060895.1
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](#)