



Anti-PIP4K2A (aa 21-278) polyclonal antibody (DPABH-07928)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Catalyzes the phosphorylation of phosphatidylinositol-5-phosphate on the fourth hydroxyl of the myo-inositol ring, to form phosphatidylinositol-4,5-biphosphate.
Immunogen	Recombinant fragment, corresponding to amino acids 21-278 of Human PIP5K2 alpha (BC018034).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHC-P
Format	Liquid
Size	100 µg
Buffer	pH: 7.20; Constituents: 98% PBS, 1% BSA
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	PIP4K2A phosphatidylinositol-5-phosphate 5-kinase, type II, alpha [Homo sapiens]
Official Symbol	PIP4K2A
Synonyms	PIP4K2A; phosphatidylinositol-5-phosphate 4-kinase, type II, alpha; PIPK; PI5P4KA; PIP5K2A; PIP5KIIA; PIP5KII-alpha; phosphatidylinositol 5-phosphate 4-kinase type-2 alpha; PIP5KIII; PIP5KIIalpha; PIP4KII-alpha; PI(5)P 4-kinase type II alpha; PtdIns(4)P-5-kinase B isoform; ptdIns(4)P-5-kinase C isoform; diphosphoinositide kinase 2-alpha; ptdIns(5)P-4-kinase isoform 2-alpha; 1-phosphatidylinositol-4-phosphate kinase; 1-phosphatidylinositol-4-phosphate-5-kinase; 1-phosphatidylinositol 5-phosphate 4-kinase 2-alpha; 1-phosphatidylinositol-5-phosphate 4-kinase 2-alpha; phosphatidylinositol-5-phosphate 4-kinase type-2 alpha; phosphatidylinositol 5-phosphate 4-kinase type II alpha; phosphatidylinositol-4-phosphate 5-kinase, type II, alpha; type II phosphatidylinositol-4-phosphate 5-kinase 53 K isoform;
Entrez Gene ID	5305
Protein Refseq	NP_005019.2
UniProt ID	P48426
Pathway	B Cell Receptor Signaling Pathway; D-myo-inositol (1,4,5)-trisphosphate biosynthesis; D-myo-inositol-5-phosphate metabolism; Inositol phosphate metabolism
Function	1-phosphatidylinositol-4-phosphate 5-kinase activity; 1-phosphatidylinositol-5-phosphate 4-kinase activity; ATP binding;