



Anti-PI4KA (aa 1-331) polyclonal antibody (DPABH-01765)

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

PRODUCT INFORMATION

Antigen Description	Acts on phosphatidylinositol (PtdIns) in the first committed step in the production of the second messenger inositol-1,4,5,-trisphosphate.
Immunogen	Recombinant fragment, corresponding to a region within amino acids 1-331 of Human Phosphatidylinositol 4 kinase III alpha.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, ICC/IF
Format	Liquid
Size	50 µl
Buffer	pH: 7; Constituents: PBS, 20% Glycerol
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	PI4KA phosphatidylinositol 5-kinase, catalytic, alpha [Homo sapiens]
Official Symbol	PI4KA
Synonyms	PI4KA; phosphatidylinositol 4-kinase, catalytic, alpha; PIK4CA; pi4K230; PI4K-ALPHA; phosphatidylinositol 4-kinase alpha; PI4-kinase alpha; ptdIns-4-kinase alpha; phosphatidylinositol 4-kinase 230; phosphatidylinositol 4-kinase, type III, alpha;
Entrez Gene ID	5297
Protein Refseq	NP_002641.1
UniProt ID	B4DYG5
Pathway	3-phosphoinositide biosynthesis; D-myo-inositol (1,4,5)-trisphosphate biosynthesis; Inositol phosphate metabolism; Inositol phosphate metabolism, PI=> PIP2 => Ins(1,4,5)P3 => Ins(1,3,4,5)P4
Function	1-phosphatidylinositol 4-kinase activity; ATP binding; protein binding;