



Anti-Phospholipase C epsilon 1 (aa 161-295) polyclonal antibody (DPATB-H81894)

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

PRODUCT INFORMATION

Product Overview	Rabbit Anti-Phospholipase C epsilon 1 Polyclonal Antibody
Target	Phospholipase C epsilon 1
Immunogen	antigen, corresponding to amino acids 161-295 of Human Phospholipase C epsilon 1, Isoform 1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IHC-P
Cellular Localization	Cytoplasm > cytosol. Cell membrane. Golgi apparatus membrane. Recruited to plasma membrane by activated HRAS and RAP2. Recruited to perinuclear membrane by activated RAP1A. Isoform 1 and isoform3 associates with Golgi membranes.
Positive Control	Human colon tissue.
Format	Liquid
Size	100 µl
Buffer	pH: 7.20Preservative: 0.02% Sodium azide59% PBS, 40% Glycerol

Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	The production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3) is mediated by activated phosphatidylinositol-specific phospholipase C enzymes. PLCE1 is a bifunctional enzyme which also regulates small GTPases
Keywords	1-phosphatidylinositol-4; 5-bisphosphate phosphodiesterase epsilon-1; Pancreas-enriched phospholipase C; Phosphoinositide phospholipase C-epsilon-1; Phospholipase C-epsilon-1; PLC-epsilon-1; Plce1; PLCE1_HUMAN;

GENE INFORMATION

Entrez Gene ID	51196
UniProt ID	Q9P212