

DNAxPAb



CDIPT DNAxPab

Catalog # H00010423-W01P Size 200 ug

Specification	
Product Description	Rabbit polyclonal antibody raised against a partial-length human CDIPT DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
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)
 <u>Protocol Download</u>
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — CDIPT

😵 Abnova

Product Information

Entrez GenelD	<u>10423</u>
GeneBank Accession#	<u>NM_006319.2</u>
Protein Accession#	<u>NP_006310.1</u>
Gene Name	CDIPT
Gene Alias	MGC1328, PIS, PIS1
Gene Description	CDP-diacylglycerol-inositol 3-phosphatidyltransferase (phosphatidylinositol synthase)
Omim ID	<u>605893</u>
Gene Ontology	<u>Hyperlink</u>
Gene Summary	Phosphatidylinositol breakdown products are ubiquitous second messengers that function downst ream of many G protein-coupled receptors and tyrosine kinases regulating cell growth, calcium m etabolism, and protein kinase C activity. Two enzymes, CDP-diacylglycerol synthase and phosph atidylinositol synthase, are involved in the biosynthesis of phosphatidylinositol. Phosphatidylinosit ol synthase, a member of the CDP-alcohol phosphatidyl transferase class-I family, is an integral m embrane protein found on the cytoplasmic side of the endoplasmic reticulum and the Golgi appar atus. [provided by RefSeq
Other Designations	CDP-diacylglycerolinositol 3-phosphatidyltransferase PI synthase Ptdlns synthase phosphatidylin ositol synthase

Pathway

- <u>Glycerophospholipid metabolism</u>
- Inositol phosphate metabolism
- <u>Metabolic pathways</u>
- Phosphatidylinositol signaling system

Disease

- <u>Cardiovascular Diseases</u>
- Diabetes Mellitus
- Edema