

## CDIPT Rabbit Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP07411
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from human CDIPT
Mol wt	23430
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	CDIPT
Synonyms	CDIPT

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

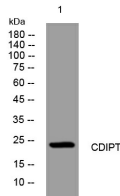
Phosphatidylinositol breakdown products are ubiquitous second messengers that function downstream of many G protein-coupled receptors and tyrosine kinases regulating cell growth, calcium metabolism, and protein kinase C activity. Two enzymes, CDP-diacylglycerol synthase and phosphatidylinositol synthase, are involved in the biosynthesis of phosphatidylinositol. Phosphatidylinositol synthase, a member of the CDP-alcohol phosphatidyl transferase class-I family, is an integral membrane protein found on the cytoplasmic side of the endoplasmic reticulum and the Golgi apparatus. Several transcript variants encoding different isoforms have been found for this gene.

### Recommended Dilution

WB: 1: 500 - 1: 2000

Not yet tested in other applications.

### Images



Western blot analysis of lysates from THP-1 cells, primary antibody was diluted at 1:1000, 4°C overnight

### Storage

-20°C for 1 year