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# **Product datasheet for TA361054**

## **CDIPT Rabbit Polyclonal Antibody**

### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
lmmunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human CDIPT
Specificity:	Expected reactivity: Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	23 kDa
Gene Name:	CDP-diacylglycerolinositol 3-phosphatidyltransferase
Database Link:	<u>NP_001273514.1</u> <u>Entrez Gene 10423 Human</u> <u>O14735</u>

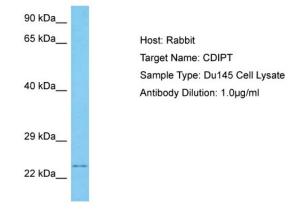


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# **GRIGENE** CDIPT Rabbit Polyclonal Antibody – TA361054

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.
Synonyms:	MGC1328; PIS; PIS1
Protein Families:	Transmembrane
Protein Pathways:	Glycerophospholipid metabolism, Inositol phosphate metabolism, Metabolic pathways, Phosphatidylinositol signaling system

### **Product images:**



Host: Rabbit Target Name: CDIPT Sample Tissue: Human Du145 Whole Cell lysates Antibody Dilution: 1ug/ml

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