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Datasheet for ABIN7465859 **anti-PLCD1 antibody (C-Term)**

Overview

Quantity:	100 µL
Target:	PLCD1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLCD1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human PLCD1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	PLCD1
Alternative Name:	phospholipase C delta 1 (PLCD1 Products)

Target Details

Background:	Phospholipase C delta 1 , NDNC3 , PLC-III,Phosphoinositide-specific phospholipase C (PLC) acts as a signal transducer that generates 2 second messengers, diacylglycerol and inositol 1,4,5-trisphosphate, by hydrolyzing inositol phospholipids. PLC comprises a diverse family of enzymes that differ in structure and tissue distribution (Berridge, 1993 [PubMed 8381210]).[supplied by OMIM]
Molecular Weight:	86 kDa
Gene ID:	5333
UniProt:	P51178
Pathways:	WNT Signaling , Myometrial Relaxation and Contraction , Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: HeLa
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.34 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.