



PLCD4 rabbit pAb

Cat No.:ES14070

For research use only

Overview

Product Name	PLCD4 rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human; Mouse;Rat
Recommended dilutions	WB 1:500-2000
Immunogen	Synthesized peptide derived from human PLCD4 AA range: 82-132
Specificity	This antibody detects endogenous levels of PLCD4 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	PLCD4
Gene Name	PLCD4
Cellular localization	Membrane ; Peripheral membrane protein . Nucleus . Cytoplasm . Endoplasmic reticulum . Localizes primarily to intracellular membranes mostly to the endoplasmic reticulum.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	85kD
Human Gene ID	84812
Human Swiss-Prot Number	Q9BRC7
Alternative Names	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase delta-4 (hPLCD4) (EC 3.1.4.11) (Phosphoinositide phospholipase C-delta-4) (Phospholipase C-delta-4) (PLC-delta-4)
Background	This gene encodes a member of the delta class of phospholipase C enzymes. Phospholipase C enzymes play a critical role in many cellular processes by

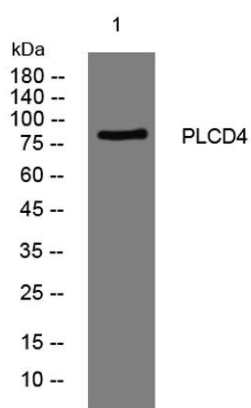




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hydrolyzing phosphatidylinositol 4,5-bisphosphate into two intracellular second messengers, inositol 1,4,5-trisphosphate and diacylglycerol. Expression of this gene may be a marker for cancer. [provided by RefSeq, Jan 2011],

Western blot analysis of lysates from HEK293 cells, primary antibody was diluted at 1:1000, 4° over night



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