

anti- PLCD4 antibody

Product Information

Catalog No.:	FNab06527
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Hydrolyzes the phosphatidylinositol 4,5-bisphosphate(PIP2) to generate 2 second messenger molecules diacylglycerol(DAG) and inositol 1,4,5-trisphosphate(IP3). DAG mediates the activation of protein kinase C(PKC), while IP3 releases Ca(2+) from intracellular stores. Required for acrosome reaction in sperm during fertilization, probably by acting as an important enzyme for intracellular Ca(2+) mobilization in the zona pellucida-induced acrosome reaction. May play a role in cell growth. Modulates the liver regeneration in cooperation with nuclear PKC. Overexpression up-regulates the Erk signaling pathway and proliferation.

Immunogen information

Immunogen:	phospholipase C, delta 4
Synonyms:	None
Observed MW:	None
Uniprot ID :	Q9BRC7

Application

Reactivity:	Human, Mouse, Rat
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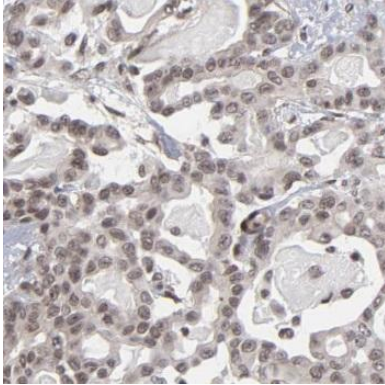
Fax: (0086)027-87800889

www.fn-test.com

Tested Application: ELISA, IHC

Recommended dilution:IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human pancreas cancer using FNab06527(PLCD4 antibody) at dilution of 1:50