

## PLCZ1 Antibody

Catalog No: #36697

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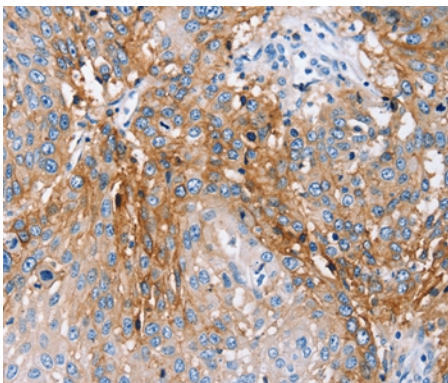
## Description

Product Name	PLCZ1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PLCZ1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human phospholipase C, zeta 1
Target Name	PLCZ1
Other Names	PLCzeta; NYD-SP27; PLC-zeta-1
Accession No.	Swiss-Prot#: Q86YW0 NCBI Gene ID: 89869 Gene Accession: BC125067/Q86YW0
Uniprot	Q86YW0
GeneID	89869;
Concentration	1.3mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Immunohistochemistry: 1:25-1:100

## Images



Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using #36697 at dilution 1/25.

## Background

The protein encoded by this gene is a member of the phosphoinositide-specific phospholipase C family. Members in this family, classified into six isotypes that are tissue- and organ-specific, hydrolyze phosphatidylinositol 4,5-bisphosphate just before the phosphate group to yield diacylglycerol and inositol 1,4,5-trisphosphate. This protein localizes to the acrosome in spermatozoa and elicits Ca<sup>2+</sup> oscillations and egg activation during fertilization that leads to early embryonic development. Alternative splicing results in multiple transcript variants.?

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Note: This product is for in vitro research use only