

## PLCZ1 Antibody

Catalog No: #36697

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

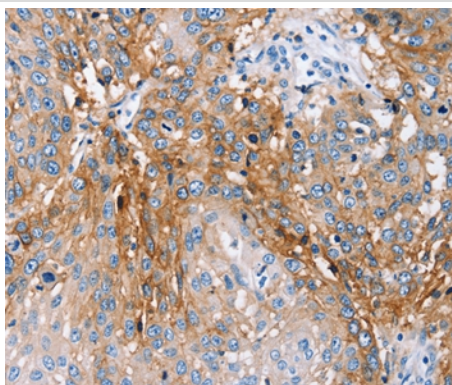
## Description

|                       |   |
|-----------------------|---|
| 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.?

---

Note: This product is for in vitro research use only