

Datasheet for ABIN7130650

**anti-PLCz1 antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	PLCz1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLCz1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Fusion protein of Human PLCZ1
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen affinity purification

## Target Details

Target:	PLCz1
Alternative Name:	PLCZ1 ( <a href="#">PLCz1 Products</a> )
Background:	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

## Target Details

acrosome in spermatozoa and elicits  $\text{Ca}^{2+}$  oscillations and egg activation during fertilization that leads to early embryonic development. Alternative splicing results in multiple transcript variants.

Aliases: 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase zeta 1 antibody, 1-phosphatidylinositol-4 antibody, 5-bisphosphate phosphodiesterase zeta-1 antibody, MGC149685 antibody, NYD SP27 antibody, Phosphoinositide phospholipase C zeta 1 antibody, Phosphoinositide phospholipase C-zeta-1 antibody, Phospholipase C zeta 1 antibody, Phospholipase C-zeta-1 antibody, PI phospholipase C zeta 1 antibody, PLC zeta 1 antibody, PLC-zeta-1 antibody, PLCZ1 antibody, PLCZ1\_HUMAN antibody, PLCzeta antibody, Testis development protein NYD SP27 antibody, Testis development related NYD SP27 antibody, Testis-development protein NYD-SP27 antibody

UniProt: [Q86YW0](#)

## Application Details

Application Notes: ELISA:1:1000-1:2000, IHC:1:25-1:100,

Restrictions: For Research Use only

## Handling

Format: Liquid

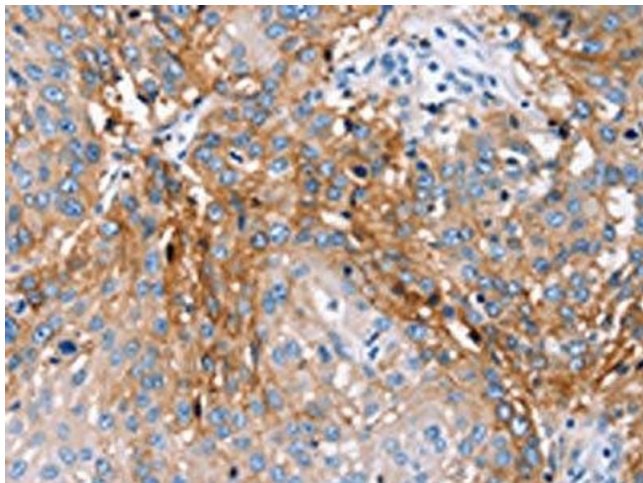
Buffer: -20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### Immunohistochemistry

**Image 1.** The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using ABIN7130650(PLCZ1 Antibody) at dilution 1/25, on the right is treated with fusion protein. (Original magnification: x200)