

For Research Use Only

# PLCZ1 Recombinant antibody, PBS Only



Catalog Number: 83090-1-PBS

## Basic Information

<b>Catalog Number:</b> 83090-1-PBS	<b>GenBank Accession Number:</b> BC125067	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 89869	<b>CloneNo.:</b> 230187E2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q86YW0	
<b>Isotype:</b> IgG	<b>Full Name:</b> phospholipase C, zeta 1	
<b>Immunogen Catalog Number:</b> AG26899	<b>Calculated MW:</b> 608 aa, 70 kDa	

## Applications

**Tested Applications:**  
Indirect ELISA

**Species Specificity:**  
Human

## Background Information

Phospholipase C zeta1 (Plcz1) was known to be a physiological factor in sperm that activates oocytes to complete meiosis by triggering Ca<sup>2+</sup> oscillations after fertilisation (PMID: 36613757). PLCZ1 is considered a major sperm-borne oocyte activation factor. After gamete fusion, PLCZ1 triggers calcium oscillations in the oocyte, resulting in oocyte activation (PMID: 38133249).

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

For technical support and original validation data for this product please contact:

T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data