

For Research Use Only

PLCZ1 Recombinant antibody, PBS Only



Catalog Number: 83090-1-PBS

Basic Information

Catalog Number:	83090-1-PBS	GenBank Accession Number:	BC125067	Purification Method:	Protein A purification
Size:	1mg/ml	GeneID (NCBI):	89869	CloneNo.:	230187E2
Source:	Rabbit	UNIPROT ID:	Q86YW0		
Isotype:	IgG	Full Name:	phospholipase C, zeta 1		
Immunogen Catalog Number:	AG26899	Calculated MW:	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 Ca²⁺ 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.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS Only

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

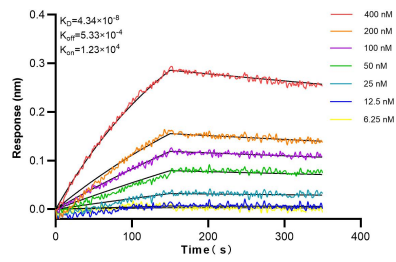
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Biolayer interferometry (BLI) kinetic assays of 83090-1-RR against Human PLCZ1 were performed. The affinity constant is 43.4 nM.