

Anti-Human PLCZ1 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA11814

3th Edition

Description: 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(2+) oscillations and egg activation during fertilization that leads to early embryonic development. Alternative splicing results in multiple transcript variants.

Antigen: Recombinant protein of human PLCZ1

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Expressed specifically in testis. Weakly expressed in pancreatic-duct cells. Up-regulated in pancreatic-duct cells from patients with cystic fibrosis.