

Product datasheet for **TA369275S**

PLCZ1 Rabbit Polyclonal Antibody

Product data:

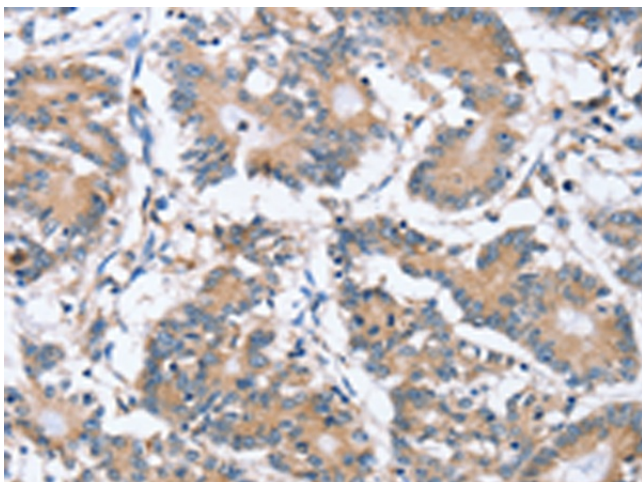
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human colon cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human PLCZ1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	phospholipase C zeta 1
Database Link:	Entrez Gene 89869 Human Q86YW0

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 Ca²⁺ oscillations and egg activation during fertilization that leads to early embryonic development. Alternative splicing results in multiple transcript variants.

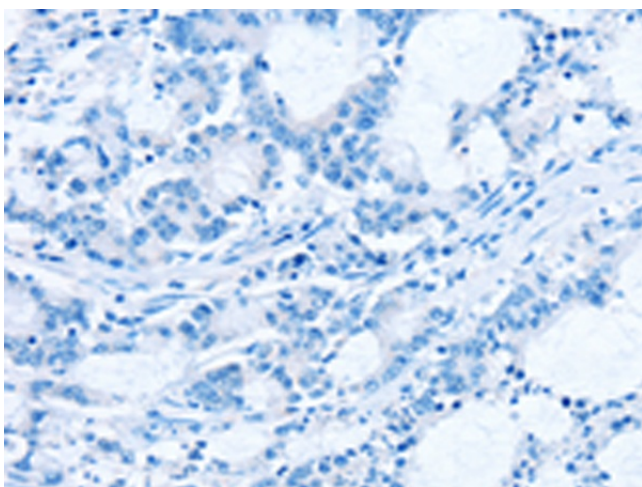
Synonyms: MGC149685; NYD-SP27; PLC-zeta-1; PLCzeta



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Product images:

Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA369275] (PLCZ1 Antibody) at dilution 1/20 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA369275] (PLCZ1 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: $\times 200$)