



[Go to Product page](#)

Datasheet for ABIN7427630 anti-PLCz1 antibody (AA 469-572)

Overview

| | |
|----------------------|--------------------------------------------------------------------------------------------------------|
| Quantity: | 100 µL |
| Target: | PLCz1 |
| Binding Specificity: | AA 469-572 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This PLCz1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP) |

Product Details

| | |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose: | Monoclonal Antibody to Phospholipase C Zeta 1 (PLCz1) |
| Immunogen: | Recombinant Phospholipase C Zeta 1 (PLCz1) corresponding to Ser469~Thr572 with N-terminal His Tag |
| Isotype: | IgG |
| Specificity: | The antibody is a mouse monoclonal antibody raised against PLCz1. It has been selected for its ability to recognize PLCz1 in immunohistochemical staining and western blotting. |
| Purification: | Protein A + Protein G affinity chromatography |

Target Details

| | |
|---------|-------|
| Target: | PLCz1 |
|---------|-------|

Target Details

| | |
|-------------------|--------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | Phospholipase C Zeta 1 (PLCz1 Products) |
| Background: | NYD-SP27, PLCzeta, Testis-development protein NYD-SP27, 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase zeta-1 |

Application Details

| | |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Western blotting: 0.5-5 µg/mL Immunohistochemistry: 5-30 µg/mL Immunocytochemistry: 5-30 µg/mL Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

Handling

| | |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format: | Liquid |
| Buffer: | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C, -20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |