

Datasheet for ABIN2891818  
**anti-PKC zeta antibody (Pro556)**



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## Overview

|                      |                                                                                                                                            |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                     |
| Target:              | PKC zeta (PRKCZ)                                                                                                                           |
| Binding Specificity: | Pro556                                                                                                                                     |
| Reactivity:          | Human, Mouse, Rat                                                                                                                          |
| Host:                | Rabbit                                                                                                                                     |
| Clonality:           | Polyclonal                                                                                                                                 |
| Conjugate:           | This PKC zeta antibody is un-conjugated                                                                                                    |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF),<br>Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|               |                                                                                               |
|---------------|-----------------------------------------------------------------------------------------------|
| Immunogen:    | Synthetic peptide around Pro556 of human PKC Zeta<br><br>Type of Immunogen: Synthetic peptide |
| Specificity:  | Human PKC Zeta                                                                                |
| Purification: | Immunoaffinity purified                                                                       |

## Target Details

|                   |                                                     |
|-------------------|-----------------------------------------------------|
| Target:           | PKC zeta (PRKCZ)                                    |
| Alternative Name: | PRKCZ / PKC-Zeta ( <a href="#">PRKCZ Products</a> ) |
| Background:       | Name/Gene ID: PRKCZ                                 |

## Target Details

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           | Subfamily: PKC                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|           | Family: Protein Kinase                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|           | Synonyms: PRKCZ, PKC-ZETA, PKC2, Pkcz, PKCzeta, Protein kinase c zeta, Protein kinase C zeta type, NPKC-zeta, PKC Zeta, Protein kinase C, zeta, Protein kinase Czeta                                                                                                                                                                                                                                                                                                     |
| Gene ID:  | 5590                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| UniProt:  | <a href="#">Q05513</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Pathways: | <a href="#">NF-kappaB Signaling</a> , <a href="#">RTK Signaling</a> , <a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Synaptic Membrane</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">CXCR4-mediated Signaling Events</a> , <a href="#">Thromboxane A2 Receptor Signaling</a> |

## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Comment:           | Target Species of Antibody: Human                                  |
| Restrictions:      | For Research Use only                                              |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | Lot specific                                                                                                           |
| Buffer:            | PBS, pH 7.2, 0.05 % sodium azide                                                                                       |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice:   | Avoid repeated freezing and thawing.                                                                                   |
| Storage:           | 4 °C,-20 °C                                                                                                            |
| Storage Comment:   | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.                               |