

Datasheet for ABIN533164
anti-PKC theta antibody (N-Term)[1 Image](#)[1 Publication](#)[Go to Product page](#)

Overview

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| Quantity: | 100 µL |
| Target: | PKC theta (PRKCQ) |
| Binding Specificity: | N-Term |
| Reactivity: | Mouse |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This PKC theta antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |

Product Details

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| Purpose: | Mouse monoclonal antibody raised against partial recombinant Prkcq. |
| Immunogen: | Recombinant protein corresponding to N-terminus of mouse Prkcq. |
| Clone: | M217 |
| Isotype: | IgG2a |
| Specificity: | This sequence is conserved in human and rat PKCq, and has low homology to other PKC family members. |
| Cross-Reactivity: | Human, Mouse, Rat |
| Characteristics: | Antibody Reactive Against Recombinant Protein. |

Target Details

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| Target: | PKC theta (PRKCQ) |
| Alternative Name: | PRKCQ / PRKCT (PRKCQ Products) |
| Gene ID: | 18761 |
| Pathways: | TCR Signaling , Fc-epsilon Receptor Signaling Pathway , Myometrial Relaxation and Contraction , Regulation of G-Protein Coupled Receptor Protein Signaling , Thromboxane A2 Receptor Signaling |

Application Details

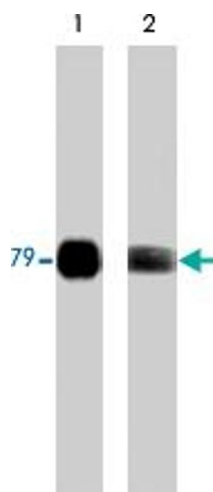
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| Application Notes: | ELISA (1:2000) Western Blot (1:500) The optimal working dilution should be determined by the end user. |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Buffer: | In PBS (50 % glycerol, 1 mg/mL BSA, 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. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot to avoid repeated freezing and thawing. |

Publications

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| Product cited in: | Kawakami, Kitaura, Yao, McHenry, Kawakami, Newton, Kang, Kato, Leitges, Rawlings, Kawakami: "A Ras activation pathway dependent on Syk phosphorylation of protein kinase C." in: Proceedings of the National Academy of Sciences of the United States of America , Vol. 100, Issue 16, pp. 9470-5, (2003) (PubMed). |
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Western Blotting

Image 1. Western blot analysis of Prkcq in human Jurkat cell lysate. The blot was probed with Prkcq monoclonal antibody, clone M217 at 1:250 (lane 1) and 1:1000 (lane 2).