10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# Mouse Prkd3 Antibody (N-term) Blocking peptide

**Synthetic peptide**

**Catalog # BP14141a**

## Specification

### Mouse Prkd3 Antibody (N-term) Blocking peptide - Product Information

| | |
|---|---|
| Primary Accession | Q8K1Y2 |

### Mouse Prkd3 Antibody (N-term) Blocking peptide - Additional Information

**Gene ID** 75292

**Other Names**
Serine/threonine-protein kinase D3, Protein kinase C nu type, nPKC-nu, Prkd3, Prkcn

**Target/Specificity**
The synthetic peptide sequence used to generate the antibody AP14141a was selected from the N-term region of Mouse Prkd3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

### Mouse Prkd3 Antibody (N-term) Blocking peptide - Protein Information

**Name** Prkd3

**Synonyms** Prkcn

**Function**
Converts transient diacylglycerol (DAG) signals into prolonged physiological effects, downstream of PKC. Involved in resistance to oxidative stress (By similarity).

**Cellular Location**
Cytoplasm. Membrane. Note=Translocation to the cell membrane is required for kinase activation.

### Mouse Prkd3 Antibody (N-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

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- Blocking Peptides

**Mouse Prkd3 Antibody (N-term) Blocking peptide - Images**

**Mouse Prkd3 Antibody (N-term) Blocking peptide - Background**

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**Mouse Prkd3 Antibody (N-term) Blocking peptide - References**

Chen, L.A., et al. J. Biol. Chem. 284(4):2459-2471(2009)Ellwanger, K., et al. BMC Dev. Biol. 8, 47 (2008) :Oster, H., et al. Gene Expr. Patterns 6(4):400-408(2006)Rey, O., et al. J. Biol. Chem. 281(8):5149-5157(2006)Matthews, S.A., et al. J. Biol. Chem. 278(11):9086-9091(2003)