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.

- 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)