

Mouse Prkd3 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14141A

Specification

Mouse Prkd3 Antibody (N-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	Q8K1Y2
Other Accession	NP_083515.2
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	100078
Antigen Region	221-249

Mouse Prkd3 Antibody (N-term) - Additional Information

Gene ID 75292

Other Names

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

Target/Specificity

This Mouse Prkd3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 221-249 amino acids from the N-terminal region of mouse Prkd3.

Dilution

WB~~1:1000

IHC-P~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Mouse Prkd3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Mouse Prkd3 Antibody (N-term) - 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

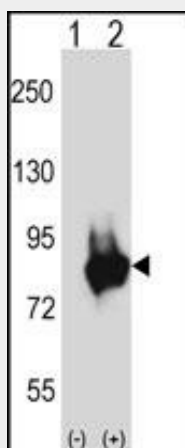
Cytoplasm. Membrane. Note=Translocation to the cell membrane is required for kinase activation.

Mouse Prkd3 Antibody (N-term) - Protocols

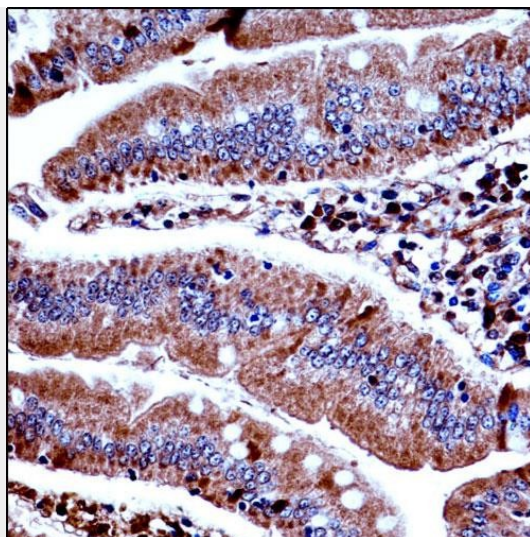
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Mouse Prkd3 Antibody (N-term) - Images



Western blot analysis of Prkd3 (arrow) using rabbit polyclonal Mouse Prkd3 Antibody (N-term) (Cat. #AP14141a). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the Prkd3 gene.



Mouse Prkd3 Antibody (N-term) (AP14141a) immunohistochemistry analysis in formalin fixed and paraffin embedded mouse duodenum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of Mouse Prkd3 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Mouse Prkd3 Antibody (N-term) - Background

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

Mouse Prkd3 Antibody (N-term) - 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)