

Rabbit anti-Human, mouse Prkd3 Polyclonal Antibody | anti-Prkd3 antibody

Mouse Prkd3 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288120	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

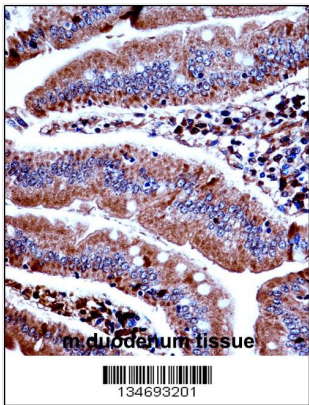
PRODUCT SYNONYMS

Prkd3; Polyclonal Antibody; Mouse Prkd3 Antibody (N-term); Serine/threonine-protein kinase D3; Protein kinase C nu type; nPKC-nu; Prkcn; anti-Prkd3 antibody

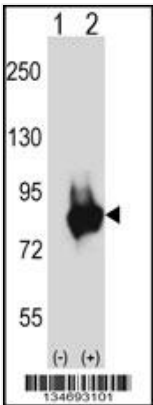
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.47 (varies by lot)
Sequence Positions	221-249
Sequence Length	889
Applicable Applications for anti-Prkd3 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	MOUSE
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Mouse Prkd3 Antibody (N-term) (AAA288120)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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-Prkd3 antibody	Converts transient diacylglycerol (DAG) signals into prolonged physiological effects, downstream of PKC. Involved in resistance to oxidative stress (By similarity).
Product Categories/Family for anti-Prkd3 antibody	Signal Transduction
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	27753989
NCBI GeneID	75292
NCBI Accession #	NP_083515.2
NCBI GenBank Nucleotide #	NM_029239.3
UniProt Accession #	Q8K1Y2
Molecular Weight	100078
NCBI Official Full Name	serine/threonine-protein kinase D3 isoform 2
NCBI Official Synonym Full Names	protein kinase D3
NCBI Official Symbol	Prkd3
NCBI Official Synonym Symbols	PKD3; Pkcnu; Prkcn; 4930557O20Rik; 5730497N19Rik
NCBI Protein Information	serine/threonine-protein kinase D3
UniProt Protein Name	Serine/threonine-protein kinase D3
UniProt Gene Name	Prkd3
UniProt Synonym Gene Names	Prkcn
UniProt Entry Name	KPCD3_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/prkd3-antibody-immunohistochemistry-western-blot-elisa/288120>