

Rabbit anti-Mouse Prkcq Polyclonal Antibody | anti-Prkcq antibody

Mouse Prkcq Antibody (Center)

CATALOG # AAA291025	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Prkcq; Polyclonal Antibody; Mouse Prkcq Antibody (Center); Protein kinase C theta type; nPKC-theta; Pkcq; anti-Prkcq antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This Mouse Prkcq antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 289-317 amino acids from the Central region of mouse Prkcq.
Purity/Purification	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.
Applicable Applications for anti-Prkcq antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antigen Region	289-317
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Dilution: IHC-P 1:10~50 Mouse Prkcq Antibody (Center) (AAA291025) immunohistochemistry analysis in formalin fixed and paraffin embedded mouse skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of Mouse Prkcq Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

Dilution: WB 1:1000 Mouse Prkcq Antibody (Center) (Cat. #AAA291025) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane). This demonstrates the Prkcq antibody detected the Prkcq protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-Prkcq antibody	This is a calcium-independent, phospholipid-dependent, serine-and threonine-specific enzyme. Essential for T-cell receptor (TCR)-mediated T-cell activation, but is dispensable during TCR-dependent thymocyte development. Links the TCR signaling complex to the activation of NF-kappa-B in mature T lymphocytes. Required for interleukin-2 (IL2) production. PKC is activated by diacylglycerol which in turn phosphorylates a range of cellular proteins. PKC also serves as the receptor for phorbol esters, a class of tumor promoters.
Product Categories/Family for anti-Prkcq antibody	Primary Antibodies; Cancer; Cell Biology; Immunology; Signal Transduction

References	Ohayon, A., et al. Infect. Immun. 78 (10):4195-4205 (2010)Joo, J.H., et al. Dev. Biol. 345 (2):191-203 (2010)Cannons, J.L., et al. J. Immunol. 185 (5):2819-2827 (2010)Lanuza, M.A., et al. Exp. Neurol. 225 (1):183-195 (2010)Nishanth, G., et al. Infect. Immun. 78 (8):3454-3464 (2010)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6679353
NCBI GeneID	18761
NCBI Accession #	NP_032885.1
NCBI GenBank Nucleotide #	NM_008859.2
UniProt Accession #	Q02111
Molecular Weight	81,573 Da
NCBI Official Full Name	protein kinase C theta type
NCBI Official Synonym Full Names	protein kinase C, theta
NCBI Official Symbol	Prkcq
NCBI Official Synonym Symbols	Pkcq; PKC-0; AW494342; PKCtheta; PKC-theta; A130035A12Rik
NCBI Protein Information	protein kinase C theta type; PKC theta; nPKC-theta
UniProt Protein Name	Protein kinase C theta type
UniProt Gene Name	Prkcq
UniProt Synonym Gene Names	Pkcq
UniProt Entry Name	KPCT_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/prkcq-antibody-immunohistochemistry-western-blot-elisa/291025>