

Rabbit anti-Human PRKCQ Polyclonal Antibody | anti-PRKCQ antibody

Rabbit anti-PRKCQ Antibody, Affinity Purified

CATALOG # AAA212560	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

PRKCQ; Polyclonal Antibody; Rabbit anti-PRKCQ Antibody; Affinity Purified; nPKC-theta; PRKCT; protein kinase C theta type; Protein kinase C theta type; protein kinase C theta; anti-PRKCQ antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PRKCQ antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse, Rat
Immunogen	Between 600 and 650
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human PRKCQ by western blot. Samples: Whole cell lysate (50 ug) from Jurkat cells. Antibodies: Affinity purified rabbit anti-PRKCQ antibody AAA212560 (lot AAA212560-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human PRKCQ by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from Jurkat cells. Antibodies: Affinity purified rabbit anti-PRKCQ antibody AAA212560 (lot AAA212560-1) used for IP at 6 ug/mg lysate. PRKCQ was also immunoprecipitated by rabbit anti-PRKCQ antibody For blotting immunoprecipitated PRKCQ, AAA212560 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-PRKCQ antibody	Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be activated by calcium and the second messenger diacylglycerol. PKC family members phosphorylate a wide variety of protein targets and are known to be involved in diverse cellular signaling pathways. PKC family members also serve as major receptors for phorbol esters, a class of tumor promoters. Each member of the PKC family has a specific expression profile and is believed to play a distinct role. Protein kinase C theta type (PRKCQ) is one of the PKC family members. It is a calcium-independent and phospholipid-dependent protein kinase. This kinase is important for T-cell activation. It is required for the activation of the transcription factors NF-kappaB and AP-1, and may link the T cell receptor (TCR) signaling complex to the activation of the transcription factor [taken from NCBI Entrez Gene (Gene ID: 5588)].
Product Categories/Family for anti-PRKCQ antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453976
NCBI GeneID	5588
NCBI Accession #	NP_006248.1
NCBI GenBank Nucleotide #	NM_006257.4
UniProt Accession #	Q04759; Q14DH6; Q3MJF1; Q64FY5; Q9H508; Q9H549; B4DF52
Molecular Weight	81,865 Da
NCBI Official Full Name	protein kinase C theta type isoform 1
NCBI Official Synonym Full Names	protein kinase C, theta
NCBI Official Symbol	PRKCQ
NCBI Official Synonym Symbols	PRKCT; nPKC-theta
NCBI Protein Information	protein kinase C theta type
UniProt Protein Name	Protein kinase C theta type
UniProt Gene Name	PRKCQ
UniProt Synonym Gene Names	PRKCT
UniProt Entry Name	KPCT_HUMAN

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-immunoprecipitation-western-blot-elisa/212560>