

Rabbit PRKCG Polyclonal Antibody | anti-PRKCG antibody

PRKCG antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200595	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Chromatin Immunoprecipitation, Immunoprecipitation

PRODUCT SYNONYMS

PRKCG; Polyclonal Antibody; PRKCG antibody - N-terminal region; anti-PRKCG antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: FV VHRCHEFVT FECPGAGKGP QTDDPRNKHK FRLHSYSSPT FCDHCGSL
Sequence Length	697
Applicable Applications for anti-PRKCG antibody	WB (Western Blot), ChIP (Chromatin immunoprecipitation)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PRKCG
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



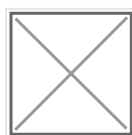
WB (Western Blot)

WB Suggested Anti-PRKCG Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: Human Placenta



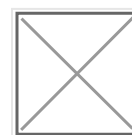
WB (Western Blot)

Host: Mouse
Target Name: PRKCG
Sample Tissue: Mouse Brain
Antibody Dilution: 1ug/ml



IHC (Immunohistochemistry)

Rabbit Anti-PRKCG Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Testis
Tissue Observed Staining: Cytoplasm, Plasma membrane
Primary Antibody Concentration: 1:600
Other Working Concentrations: N/A
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec



ChIP (Chromatin Immunoprecipitation)

Quiescent human colon carcinoma HCT116 cultures were treated with 10% FBS for three time points (0, 15, 30min) or (0, 30, 60min) were used in Matrix-ChIP and real-time PCR assays at EGR1 gene (Exon1) and 15kb upstream site.

ADDITIONAL INFORMATION

Related Product Information for anti-PRKCG antibody	This is a rabbit polyclonal antibody against PRKCG. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be activated by calcium and second messenger diacylglycerol. PKC family members phosphorylate a wide variety of protein targets and are known to be involved in d
Product Categories/Family for anti-PRKCG antibody	Polyclonal ; Lymphocyte Signaling ; Neuroscience ; Phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	13384594
NCBI GeneID	5582
NCBI Accession #	NP_002730
NCBI GenBank Nucleotide #	NM_002739
UniProt Accession #	P05129
Molecular Weight	78kDa
NCBI Official Full Name	protein kinase C gamma type isoform 2
NCBI Official Synonym Full Names	protein kinase C gamma
NCBI Official Symbol	PRKCG
NCBI Official Synonym Symbols	PKCC; PKCG; SCA14; PKCI(3); PKCgamma; PKC-gamma
NCBI Protein Information	protein kinase C gamma type
UniProt Protein Name	Protein kinase C gamma type
UniProt Gene Name	PRKCG
UniProt Synonym Gene Names	PKCG; PKC-gamma
UniProt Entry Name	KPCG_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/prkcg-antibody-western-blot-chromatin-immunoprecipitation-elisa/200595>