

Rabbit anti-Mouse; Rat PKC gamma Polyclonal Antibody | anti-PKC gamma antibody

PKC gamma Antibody: ATTO 488

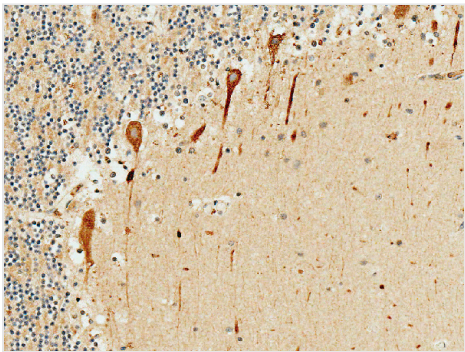
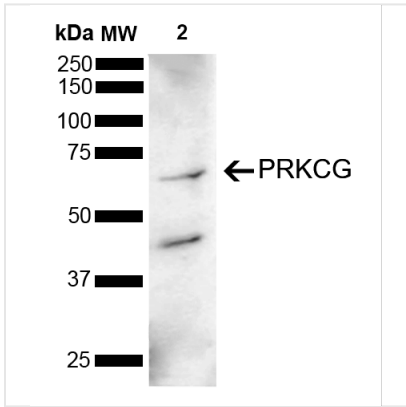
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA253879	Rabbit	Mouse; Rat	Western Blot

PRODUCT SYNONYMS

PKC gamma; Polyclonal Antibody; PKC gamma Antibody: ATTO 488; Rabbit Anti-Human PRKCG Polyclonal; PKCG Antibody; PRKCG Antibody; PKC-gamma Antibody; Protein kinase C gamma type Antibody; EC:2.7.11.13 Antibody; anti-PKC gamma antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse; Rat
Clonality	Polyclonal
Specificity	Detects 62 kDa, 40 kDa. 62 kDa band is isoform 2, band at 40 kDa is a degradation product.
Purity/Purification	Peptide Affinity Purified
Concentration	1 mg/ml (varies by lot)
Sequence Length	710
Applicable Applications for anti-PKC gamma antibody	WB (Western Blot)
Target	PRKCG
Immunogen	Synthetic peptide from the mid-protein of Human PRKCG (aa. 150-250)
Immunogen Species	Human
Cellular Localization	Cytoplasm; Cytoplasm; Perinuclear Region; Cell Membrane; Peripheral Membrane Protein; Cell Junction; Synapse; Synaptosome; Cell Projection; Dendrite
Conjugate	ATTO 488
Storage Buffer	PBS pH 7.4, 50% glycerol, 0.09% Sodium Azide
Tissue Specificity	Expressed in Purkinje cells of the cerebellar cortex.
Preparation and Storage	Store at -20 degree C.



IHC (Immunohistochemistry)
Immunohistochemistry analysis using Rabbit Anti-PKC Gamma Polyclonal Antibody . Tissue: Cerebellum. Species: Human. Fixation: Formalin Fixed Paraffin-Embedded. Primary Antibody: Rabbit Anti-PKC Gamma Polyclonal Antibody at 1:50 for 30 min at RT. Counterstain: Hematoxylin. Magnification: 20X. HRP-DAB Detection.

WB (Western Blot)
Western blot analysis of Mouse Brain showing detection of 78 kDa PRKCG protein using Rabbit Anti-PRKCG Polyclonal Antibody . Lane 1: Molecular Weight Ladder (MW). Lane 2: Mouse Brain . Load: 15 ug. Block: 5% Skim Milk powder in TBST. Primary Antibody: Rabbit Anti-PRKCG Polyclonal Antibody at 1:1000 for 2 hours at RT with shaking. Secondary Antibody: Goat Anti-Rabbit IgG: HRP at 1:5000 for 1 hour at RT. Color Development: ECL solution for 5 min at RT. Predicted/Observed Size: 78 kDa. Other Band(s): 62 kDa, 40 kDa.

NCBI AND UNIPROT INFORMATION

NCBI GI #	938403405
NCBI GeneID	5582
NCBI Accession #	NP_001303258.1
NCBI GenBank Nucleotide #	NM_001316329.1
UniProt Accession #	P05129; B7Z8Q0
Molecular Weight	62,030 Da
NCBI Official Full Name	protein kinase C gamma type isoform 1
NCBI Official Synonym Full Names	protein kinase C gamma
NCBI Official Symbol	PRKCG
NCBI Official Synonym Symbols	PKCC; PKCG; SCA14; 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

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.