

Rabbit PRKACB Polyclonal Antibody | anti-PRKACB antibody

PRKACB Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233272	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

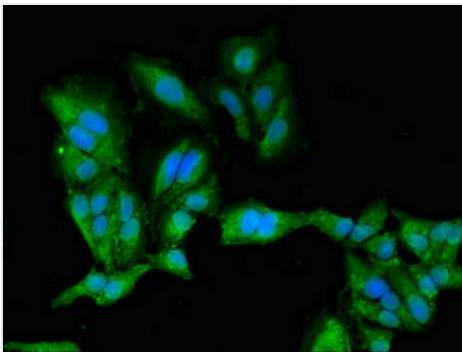
PRODUCT SYNONYMS

PRKACB; Polyclonal Antibody; PRKACB Antibody; cAMP-dependent protein kinase catalytic subunit beta; PKA C-beta; EC 2.7.11.11; anti-PRKACB antibody

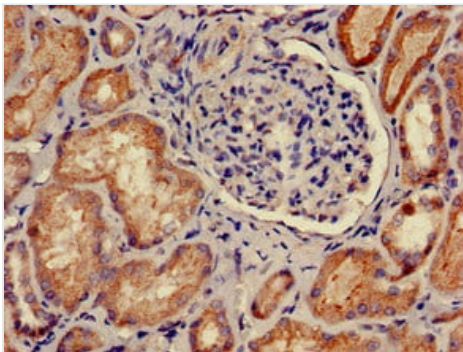
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	358
Applicable Applications for anti-PRKACB antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human cAMP-dependent protein kinase catalytic subunit beta protein (2-53AA)
Conjugation	Non-conjugated
Immunogen Species	Homo sapiens (Human)
Target Names	PRKACB
Research Area	Signal Transduction
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze

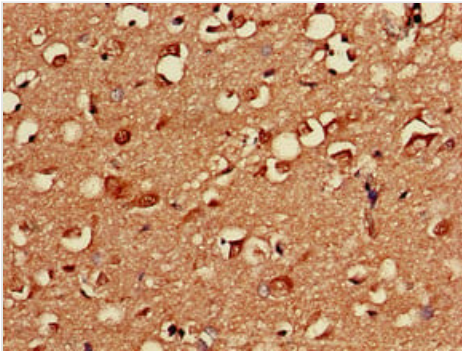
IMAGES



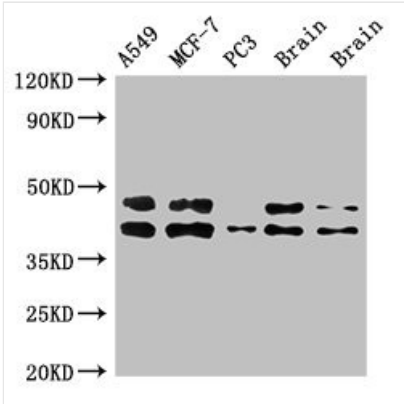
IF (Immunofluorescence)
Immunofluorescent analysis of Hela cells using AAA233272 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human kidney tissue using AAA233272 at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human brain tissue using AAA233272 at dilution of 1:100



WB (Western Blot)
Western BlotPositive WB detected in: A549 whole cell lysate, MCF-7 whole cell lysate, PC3 whole cell lysate, Rat brain tissue, Mouse brain tissueAll lanes: PRKACB antibody at 3 g/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 41, 47, 40, 42, 30, 37 KDaObserved band size: 41, 47 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-PRKACB antibody	Mediates cAMP-dependent signaling triggered by receptor binding to GPCRs. PKA activation regulates diverse cellular processes such as cell proliferation, the cell cycle, differentiation and regulation of microtubule dynamics, chromatin condensation and decondensation, nuclear envelope disassembly and reassembly, as well as regulation of intracellular transport mechanisms and ion flux. Regulates the abundance of compartmentalized pools of its regulatory subunits through phosphorylation of PJA2 which binds and ubiquitinates these subunits, leading to their subsequent proteolysis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	338827753
NCBI GeneID	5567
NCBI Accession #	NP_001229786.1
NCBI GenBank Nucleotide #	NM_001242857.2
UniProt Accession #	P22694; Q14VH1; Q59GC0; Q5BNE9; Q5BNF0; Q5BNF1; Q5BNF2; Q5BNF3; Q5CZ92; B1APG4; B4DKB0; B4E2Q1
NCBI Official Full Name	cAMP-dependent protein kinase catalytic subunit beta isoform 4
NCBI Official Synonym Full Names	protein kinase cAMP-activated catalytic subunit beta
NCBI Official Symbol	PRKACB

NCBI Official Synonym Symbols	PKACB; PKA C-beta
NCBI Protein Information	cAMP-dependent protein kinase catalytic subunit beta
UniProt Protein Name	cAMP-dependent protein kinase catalytic subunit beta
UniProt Gene Name	PRKACB
UniProt Synonym Gene Names	PKA C-beta

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/prkacb-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/233272>