

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

PRKACB Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302054	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

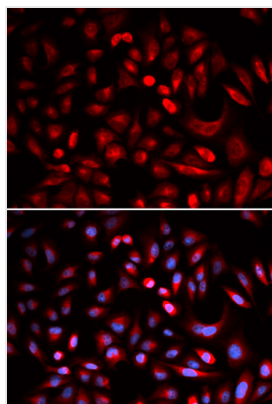
PRODUCT SYNONYMS

PRKACB; Polyclonal Antibody; PRKACB Antibody; PKACB; anti-PRKACB antibody

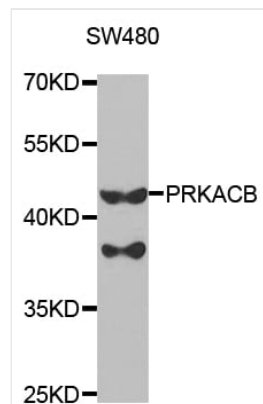
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total PRKACB protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	358
Applicable Applications for anti-PRKACB antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human PRKACB.
Target Name	PRKACB
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using PRKACB antibody. Blue: DAPI for nuclear staining.


WB (Western Blot)

Western blot analysis of extracts of SW480 cell line, using PRKACB antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PRKACB antibody	cAMP is a signaling molecule important for a variety of cellular functions. cAMP exerts its effects by activating the cAMP-dependent protein kinase, which transduces the signal through phosphorylation of different target proteins. The inactive kinase holoenzyme is a tetramer composed of two regulatory and two catalytic subunits. cAMP causes the dissociation of the inactive holoenzyme into a dimer of regulatory subunits bound to four cAMP and two free monomeric catalytic subunits. Four different regulatory subunits and three catalytic subunits have been identified in humans. The protein encoded by this gene is a member of the Ser/Thr protein kinase family and is a catalytic subunit of cAMP-dependent protein kinase. Several alternatively spliced transcript variants encoding distinct isoforms have been observed.
Product Categories/Family for anti-PRKACB antibody	Total protein Ab

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
Molecular Weight	36,979 Da
NCBI Official Full Name	cAMP-dependent protein kinase catalytic subunit beta isoform 4
NCBI Official Synonym Full Names	protein kinase, cAMP-dependent, catalytic, 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
UniProt Entry Name	KAPCB_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/prkacb-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/302054>