

Rabbit PRKACB Polyclonal Antibody | anti-PRKACB antibody

PRKACB antibody - middle region

CATALOG # AAA200593	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish	APPLICATIONS Western Blot
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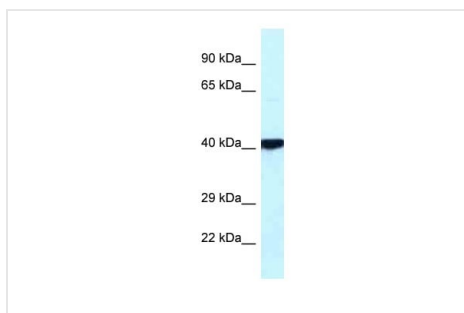
PRODUCT SYNONYMS

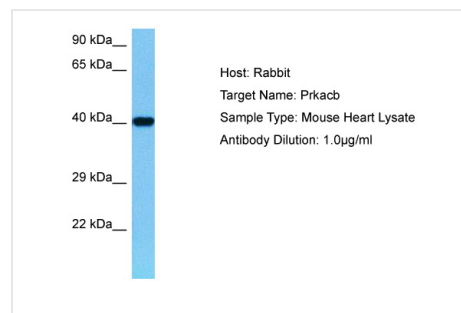
PRKACB; Polyclonal Antibody; PRKACB antibody - middle region; anti-PRKACB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, 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: NGVSDIKTHKWFATTDWIAIYQRKVEAPFIPKFRGSGDTSNFDYEEEDI
Sequence Length	351
Applicable Applications for anti-PRKACB antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 92%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PRKACB
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-PRKACB Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: Human Lung

WB (Western Blot)

Host: Mouse
Target Name: PRKACB
Sample Tissue: Mouse Heart
Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-PRKACB antibody	This is a rabbit polyclonal antibody against PRKACB. It was validated on Western Blot Target Description: 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.
Product Categories/Family for anti-PRKACB antibody	Polyclonal; Drugs and Drug Metabolism; Various; GPCR; Phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506057
NCBI GeneID	5567
NCBI Accession #	NP_002722
NCBI GenBank Nucleotide #	NM_002731
UniProt Accession #	P22694
Molecular Weight	40kDa
NCBI Official Full Name	cAMP-dependent protein kinase catalytic subunit beta isoform 2
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
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-western-blot-elisa/200593>