

Rabbit Prkaca/Prkacb Polyclonal Antibody | anti-Prkacb antibody

Mouse Prkaca/Prkacb Antibody (C-term)

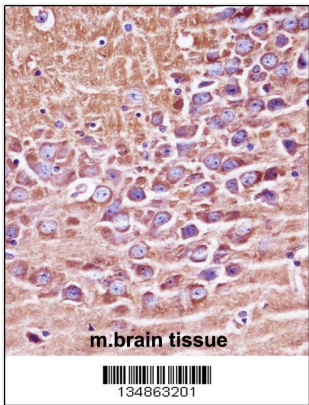
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284172	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Hamster, Pig, Rat)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

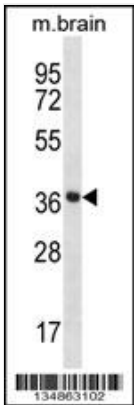
Prkaca/Prkacb; Polyclonal Antibody; Mouse Prkaca/Prkacb Antibody (C-term); cAMP-dependent protein kinase catalytic subunit beta; PKA C-beta; Prkacb; Pkacb; anti-Prkacb antibody

PRODUCT SPECIFICATIONS

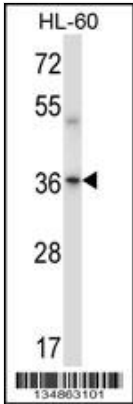
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Hamster, Pig, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Prkaca/Prkacb antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 292-319 amino acids from the C-terminal region of mouse Prkaca/Prkacb.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	292-319
Sequence Length	338
Applicable Applications for anti-Prkacb antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	MOUSE
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohistochemisry)
Mouse Prkaca/Prkacb Antibody (C-term) (AAA284172)immunohistochemistry analysis in formalin fixed and paraffin embedded mouse brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of Mouse Prkaca/Prkacb Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Mouse Prkaca/Prkacb Antibody (C-term) western blot analysis in mouse brain tissue lysates (35ug/lane).This demonstrates the Prkaca/Prkacb antibody detected the Prkaca/Prkacb protein (arrow).



WB (Western Blot)
Mouse Prkaca/Prkacb Antibody (C-term) western blot analysis in HL-60 cell line lysates (35ug/lane).This demonstrates the Prkaca/Prkacb antibody detected the Prkaca/Prkacb protein (arrow).

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.
Product Categories/Family for anti-Prkacb antibody	Cancer; Metabolism; Signal Transduction
References	Ribeiro, R.A., et al. Br. J. Nutr. 104(8):1148-1155(2010) Liu, J.X., et al. Seizure 19(7):414-420(2010) Ha, C.H., et al. Proc. Natl. Acad. Sci. U.S.A. 107(35):15467-15472(2010) Sarma, S., et al. Proc. Natl. Acad. Sci. U.S.A. 107(29):13165-13170(2010) Rah, S.Y., et al. J. Biol. Chem. 285(28):21877-21887(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	255958318
NCBI GeneID	18749
NCBI Accession #	NP_001157670.1; NP_001157671.1; NP_001157672.1; NP_035230.1

NCBI GenBank Nucleotide #	NM_001164198.1
UniProt Accession #	P68181 ; P05206 ; Q3TQH5 ; Q3UDD0 ; Q3UTH5
Molecular Weight	40708
NCBI Official Full Name	cAMP-dependent protein kinase catalytic subunit beta isoform 2
NCBI Official Synonym Full Names	protein kinase, cAMP dependent, catalytic, beta
NCBI Official Symbol	Prkacb
NCBI Official Synonym Symbols	Pkacb
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	Pkacb; PKA C-beta
UniProt Entry Name	KAPCB_MOUSE

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/prkaca-prkacb-antibody-immunohistochemistry-western-blot-elisa/284172>