

Rabbit PKA Polyclonal Antibody | anti-PKA antibody

PKA antibody (Thr197)

CATALOG # AAA108355	HOST Rabbit	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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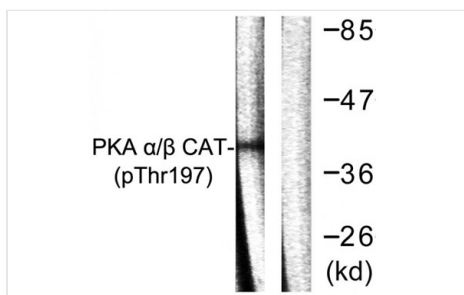
PRODUCT SYNONYMS

PKA; Polyclonal Antibody; PKA antibody (Thr197); Polyclonal PKA; Anti-PKA; cAMP-dependent protein kinase catalytic subunit alpha; isoform 1; KAPCA; MGC102831; MGC48865; PKA C-alpha; PKACA; PRKACA; protein kinase A catalytic subunit; protein kinase; cAMP-dependent; catalytic; alpha; anti-PKA antibody

PRODUCT SPECIFICATIONS

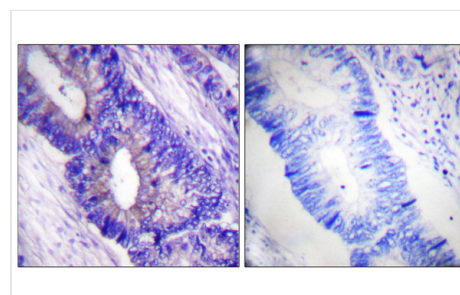
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	PKA alpha/ beta CAT antibody detects endogenous levels of PKA alpha/ beta CAT only when phosphorylated at threonine 197
Form/Format	Supplied in PBS (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	342
Applicable Applications for anti-PKA antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Biological Significance	PKA is a catalytic subunit of cAMP-dependent protein kinase alpha, an AGC kinase. A number of inactive tetrameric holoenzymes are produced by the combination of homo- or heterodimers of the different regulatory subunits associated with two catalytic subunits.
Cross-Reactivity	Mouse, Rat. Specific detection of phosphorylated Human: Thr197, Mouse: Thr197, Rat: Thr197
Immunogen	PKA antibody was raised in Rabbit using synthesized phosphopeptide derived from human PKA around the phosphorylation site of threonine 197 as the immunogen
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from mouse brain cells, using PKA alpha/beta CAT (Phospho-Thr197) antibody



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using PKA alpha/beta CAT (Phospho-Thr197) antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PKA antibody	Purified Rabbit polyclonal PKA antibody (Thr197)
Product Categories/Family for anti-PKA antibody	Proteases ; Inhibitors ; & Enzymes ; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	2916777
UniProt Accession #	O44020
Molecular Weight	40,225 Da
NCBI Official Full Name	PKA
UniProt Protein Name	PKA protein
UniProt Gene Name	PKA
UniProt Entry Name	O44020_PLAFA

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/pka-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/108355>