

Datasheet for ABIN6735745
anti-PRKACA antibody (AA 8-22)



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1 Image

Overview

Quantity:	200 µg
Target:	PRKACA
Binding Specificity:	AA 8-22
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRKACA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	16 residue synthetic peptide (KKGSEQESVKEFLAK-C) based upon amino acids 8-22 of the human 41kD alpha isoform of the catalytic subunit of PKA. The immunizing sequence is identical in mouse, rat, hamster, bovine and porcine.
Isotype:	IgG
Specificity:	Recognizes PKA purified from bovine heart and recombinant human alpha isoform of PKA expressed in CHO cells. Species cross-reactivity: mouse, rat, hamster, bovine and porcine. Cross-reactivity with the beta-isoform of mammalian PKA is possible since it shares identity in 14 of 15 residues.
Cross-Reactivity:	Hamster, Cow (Bovine), Mammalian, Mouse (Murine), Pig (Porcine), Rat (Rattus)
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Gorilla, Monkey, Mouse, Rat, Sheep, Hamster, Elephant, Bovine, Dog, Pig (100%) Orangutan, Gibbon, Marmoset, Stickleback (93%) Xenopus,

Product Details

Catfish, Salmon, Pufferfish, Zebrafish (87%).

Purification: Protein A Column

Target Details

Target: PRKACA

Alternative Name: PRKACA ([PRKACA Products](#))

Background: Standard Gene Symbol: PRKACA, Gene Family: Protein Kinase, Gene Subfamily: cAMP,
Synonyms: PRKACA, PKA C-alpha, Pka calpha, PKACA

Gene ID: 5566

UniProt: [P17612](#)

Pathways: [NF-kappaB Signaling](#), [Hedgehog Signaling](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Thyroid Hormone Synthesis](#), [Carbohydrate Homeostasis](#), [Myometrial Relaxation and Contraction](#), [M Phase](#), [G-protein mediated Events](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#), [Interaction of EGFR with phospholipase C-gamma](#), [Thromboxane A2 Receptor Signaling](#), [VEGFR1 Specific Signals](#), [Lipid Metabolism](#), [SARS-CoV-2 Protein Interactome](#), [The Global Phosphorylation Landscape of SARS-CoV-2 Infection](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: 0.07 M Tris-glycine, pH 7.4, 0.105 M sodium chloride, 0.035% sodium azide, 30% glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

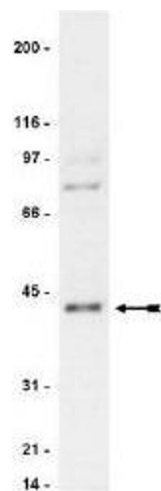


Image 1.