

Datasheet for ABIN1533661
anti-PRKACB antibody (AA 291-340)



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1 Image

Overview

Quantity:	100 µL
Target:	PRKACB
Binding Specificity:	AA 291-340
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRKACB antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human KAPCB.
Isotype:	IgG
Specificity:	KAPCB Antibody detects endogenous levels of total KAPCB protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	PRKACB
Abstract:	PRKACB Products
Background:	Synonyms: KAPB, KAPCB, PKA C-beta, PKA-beta, cAMP-dependent protein kinase, beta-

Target Details

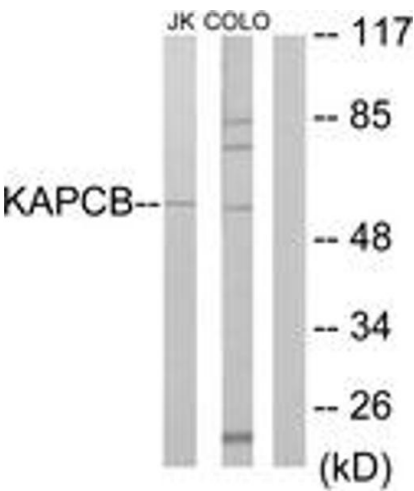
	catalytic subunit NCBI Gene Symbol: PRKACB
Molecular Weight:	40 kDa
Gene ID:	5567
OMIM:	176892
UniProt:	P22694
Pathways:	AMPK Signaling , Hedgehog Signaling , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Thyroid Hormone Synthesis , Myometrial Relaxation and Contraction , M Phase , G-protein mediated Events , Interaction of EGFR with phospholipase C-gamma , Lipid Metabolism

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:20000
Comment:	Unigene-Number: Hs.487325 (NCBI Gene Symbol: PRKACB)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % 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.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from Jurkat/COLO205 cells, using KAPCB Antibody. The lane on the right is treated with the synthesized peptide.