

Datasheet for ABIN1533659
anti-PRKACG antibody (AA 1-50)



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1 Image

Overview

Quantity:	100 µL
Target:	PRKACG
Binding Specificity:	AA 1-50
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRKACG antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

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

Target Details

Target:	PRKACG
Abstract:	PRKACG Products
Background:	Synonyms: cAMP-dependent protein kinase catalytic subunit gamma, PKA C-gamma, PRKACG

Target Details

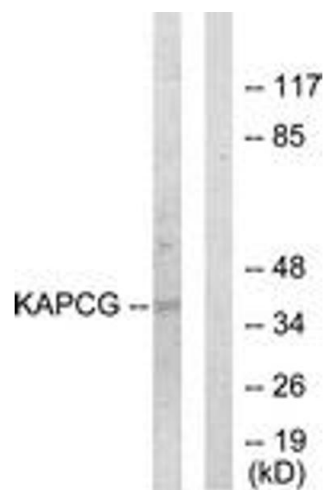
	NCBI Gene Symbol: PRKACG
Molecular Weight:	40 kDa
Gene ID:	5568
OMIM:	176893
UniProt:	P22612
Pathways:	AMPK Signaling , Hedgehog Signaling , Thyroid Hormone Synthesis , G-protein mediated Events , Interaction of EGFR with phospholipase C-gamma , Lipid Metabolism

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:10000
Comment:	Unigene-Number: Hs.158029 (NCBI Gene Symbol: PRKACG)
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 COLO205 cells, using KAPCG Antibody. The lane on the right is treated with the synthesized peptide.