

Datasheet for ABIN7450603
anti-PRKAR1A antibody (AA 50-100)



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Overview

Quantity:	100 µg
Target:	PRKAR1A
Binding Specificity:	AA 50-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRKAR1A antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-PRKAR1A Antibody, Affinity Purified
Immunogen:	Between AA 50 and 100
Isotype:	IgG
Predicted Reactivity:	Orangutan
Purification:	Affinity Purified

Target Details

Target:	PRKAR1A
Alternative Name:	PRKAR1A (PRKAR1A Products)
Background:	Background: cAMP-dependent protein kinase type I-alpha regulatory subunit (PRKAR1A) is the

Target Details

regulatory subunit of the cAMP-dependent protein kinases involved in cAMP signaling in cells. PRKAR1A is also known as tissue-specific extinguisher 1 (TSE1), PRKAR1A was found to be a tissue-specific extinguisher that down-regulates the expression of seven liver genes in hepatoma x fibroblast hybrids. Mutations in PRKAR1A cause Carney complex (CNC), a multiple neoplasia syndrome characterized by spotty skin pigmentation, cardiac and other myxomas, endocrine tumors, and psammomatous melanotic schwannomas [taken from the Universal Protein Resource (UniProt) P10644].

Gene ID:	5573
NCBI Accession:	NP_002725
UniProt:	P10644
Pathways:	Hedgehog Signaling , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Myometrial Relaxation and Contraction , G-protein mediated Events , Interaction of EGFR with phospholipase C-gamma

Application Details

Application Notes:	IP: 2 - 10 µg/mg lysate WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide
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:	4 °C
Expiry Date:	12 months