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Datasheet for ABIN7075244 anti-PKA antibody (Catalytic Subunit)





Overview

Quantity:	100 µL
Target:	РКА
Binding Specificity:	Catalytic Subunit
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PKA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein corresponding to Mouse PKA alpha+beta
Cross-Reactivity:	Human, Rat
Purification:	Affinity purification

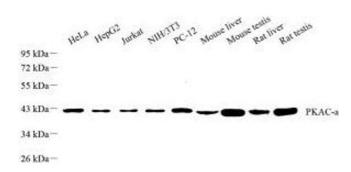
Target Details

Target:	РКА
Alternative Name:	PKA alpha+beta (PKA Products)
Background:	The catalytic subunit α of protein kinase A is a key regulatory enzyme that in humans is encoded by the PRKACA gene. This enzyme is responsible for phosphorylating other proteins
	and substrates, changing their activity. Protein kinase A catalytic subunit (PKA Ca) is a member
	of the AGC kinase family (protein kinases A, G, and C), and contributes to the control of cellular

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Target Details

	processes that include glucose metabolism, cell division, and contextual memory. PKA C α is
	part of a larger protein complex that is responsible for controlling when and where proteins are
	phosphorylated. Defective regulation of PKA holoenzyme activity has been linked to the
	progression of cardiovascular disease, certain endocrine disorders and cancers.
Molecular Weight:	41 kDa
Gene ID:	18747
NCBI Accession:	NP_001264827
UniProt:	P05132
Pathways:	SARS-CoV-2 Protein Interactome
Application Details	
Application Notes:	WB (H,M,R) 1: 500-1: 1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS, pH 7.4, 0.02 % 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:	-20 °C



Western Blotting

Image 1. Western blot analysis of PKAC-a (ABIN7075244) at dilution of 1: 500

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