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Datasheet for ABIN7147235

**anti-CDK5RAP3 antibody (Regulatory Subunit) (Biotin)**

## Overview

Quantity:	100 µL
Target:	CDK5RAP3
Binding Specificity:	AA 42-292, Regulatory Subunit
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDK5RAP3 antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human CDK5 regulatory subunit-associated protein 3 protein (42-292AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

## Target Details

Target:	CDK5RAP3
Alternative Name:	CDK5RAP3 ( <a href="#">CDK5RAP3 Products</a> )
Background:	Background: Probable tumor suppressor initially identified as a CDK5R1 interactor controlling cell proliferation (PubMed:12054757, PubMed:12737517). Negatively regulates NF-kappa-B-

## Target Details

mediated gene transcription through the control of RELA phosphorylation (PubMed:17785205, PubMed:20228063). Also regulates mitotic G2/M transition checkpoint and mitotic G2 DNA damage checkpoint (PubMed:15790566, PubMed:19223857). Through its interaction with CDKN2A/ARF and MDM2 may induce MDM2-dependent p53/TP53 ubiquitination, stabilization and activation in the nucleus, thereby promoting G1 cell cycle arrest and inhibition of cell proliferation (PubMed:16173922). May play a role in the unfolded protein response, mediating the ufmylation of multiple proteins in response to endoplasmic reticulum stress (PubMed:23152784). May also play a role in the rupture of the nuclear envelope during apoptosis (PubMed:23478299). May regulate MAPK14 activity by regulating its dephosphorylation by PPM1D/WIP1 (PubMed:21283629).

Aliases: C53 antibody, CDK5 activator binding protein C53 antibody, CDK5 activator-binding protein C53 antibody, CDK5 regulatory subunit associated protein 3 antibody, CDK5 regulatory subunit-associated protein 3 antibody, Cdk5rap3 antibody, CK5P3\_HUMAN antibody, HSF 27 antibody, HSF27 antibody, IC53 antibody, Ischemic heart CDK5 activator binding protein C53 antibody, LXXLL/leucine zipper containing ARFbinding protein antibody, LZAP antibody, MST016 antibody, OK/SW cl.114 antibody, PP1553 antibody, Protein HSF-27 antibody

UniProt: [Q96JB5](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.