

Datasheet for ABIN570672

**anti-CDKAL1 antibody (Internal Region)****1** Publication[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	CDKAL1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CDKAL1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

## Product Details

Purpose:	CDKAL1
Immunogen:	Peptide with sequence C-QVKKQRTKDLSR, from the internal region of the protein sequence according to NP_060244.2.
Sequence:	QVKKQRTKDL SR
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	CDKAL1
Alternative Name:	CDKAL1 ( <a href="#">CDKAL1 Products</a> )
Background:	CDK5 regulatory subunit associated protein 1-like 1 , FLJ20342, FLJ46705, MGC75469
Gene ID:	54901, 68916, 361243
NCBI Accession:	<a href="#">NP_060244</a>

## Application Details

Application Notes:	Western Blot: This antibody has been described in a publication and it has been successfully used on Human islets and pancreatic insulinoma INS-1 and MIN6 cells . Preliminary experiments gave an approx. 39 kDa band in Human Brain (Cerebellum) lysates after Peptide ELISA: antibody detection limit dilution 1:64000.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

## Publications

Product cited in:	Brambillasca, Altkrueger, Colombo, Friederich, Eickelmann, Mark, Borgese, Solimena: "CDK5 regulatory subunit-associated protein 1-like 1 (CDKAL1) is a tail-anchored protein in the endoplasmic reticulum (ER) of insulinoma cells." in: <b>The Journal of biological chemistry</b> , Vol.
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287, Issue 50, pp. 41808-19, (2012) ([PubMed](#)).