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## Datasheet for ABIN4999786 **anti-CDK5RAP1 antibody (Alexa Fluor 680)**

### Overview

Quantity:	100 µL
Target:	CDK5RAP1
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDK5RAP1 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CDK5RAP1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

### Target Details

Target:	CDK5RAP1
Alternative Name:	CDK5RAP1 ( <a href="#">CDK5RAP1 Products</a> )
Background:	<p>Synonyms: CDK5 activator binding protein C42 like, CDK5 regulatory subunit associated protein 1, CDK5RAP1.3, CDK5RAP1.4, CGI 05, HSPC167, C20orf34 antibody C42, CDK5 activator binding protein C42, CK5P1_HUMAN.</p> <p>Background: Cyclin dependent kinase 5 (Cdk5) is a key regulator of cell cycle progression in</p>

## Target Details

neuronal differentiation that physically associates with and is activated by the neuron-specific protein p35. CDK5RAP1 (Cdk5 regulatory subunit-associated protein 1), also known as Cdk5 activator-binding protein C42, is a 601 amino acid protein that specifically inhibits Cdk5 activation by p35 through formation of a dimer that inhibits kinase activity. CDK5RAP1 contains one TRAM domain, which is thought to bind tRNA and deliver the RNA-modifying enzymatic domain to its target. There are 4 named isoforms of CDK5RAP1 that are produced as a result of alternative splicing events and are expressed at high levels in heart and skeletal muscle.

Gene ID: 51654

## Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months