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Datasheet for ABIN4999803

anti-CDKAL1 antibody (AA 375-460) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	CDKAL1
Binding Specificity:	AA 375-460
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDKAL1 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CDKAL1
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	CDKAL1
Alternative Name:	CDKAL1 (CDKAL1 Products)

Target Details

Background: Synonyms: Threonylcarbamoyladenine tRNA methylthiotransferase, CDK5 regulatory subunit-associated protein 1-like 1, tRNA-t(6)A37 methylthiotransferase, CDKAL1
Background: Catalyzes the methylthiolation of N6-threonylcarbamoyladenine (t(6)A), leading to the formation of 2-methylthio-N6-threonylcarbamoyladenine (ms(2)t(6)A) at position 37 in tRNAs that read codons beginning with adenine.

Gene ID: 54901

UniProt: [Q5VV42](#)

Application Details

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