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Datasheet for ABIN7172082

anti-CDKAL1 antibody (AA 1-97)

2 Images

Overview

Quantity:	100 µg
Target:	CDKAL1
Binding Specificity:	AA 1-97
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDKAL1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Threonylcarbamoyladenosine tRNA methylthiotransferase protein (1-97AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CDKAL1
Alternative Name:	CDKAL1 (CDKAL1 Products)
Background:	Background: Catalyzes the methylthiolation of N6-threonylcarbamoyladenosine (t(6)A), leading

Target Details

to the formation of 2-methylthio-N⁶-threonylcarbamoyladenine (ms(2)t(6)A) at position 37 in tRNAs that read codons beginning with adenine.

Aliases: CDK5 regulatory subunit associated protein 1 like 1 antibody, CDK5 regulatory subunit-associated protein 1-like 1 antibody, CDKAL_HUMAN antibody, CDKAL1 antibody, Threonylcarbamoyladenine tRNA methylthiotransferase antibody, tRNA t 6 A37 methylthiotransferase antibody, tRNA-t(6)A37 methylthiotransferase antibody

UniProt: [Q5VV42](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

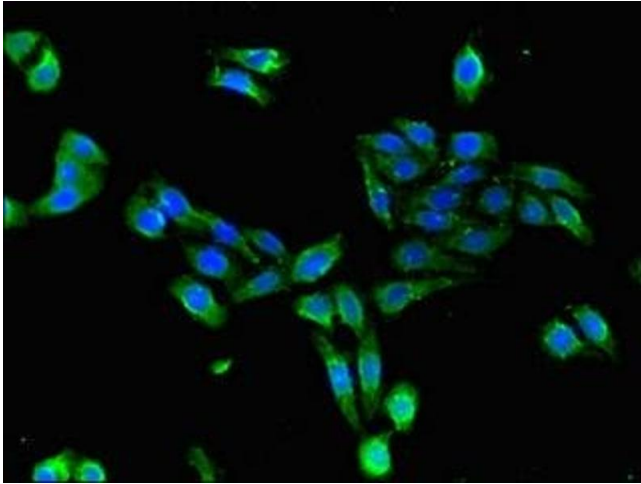
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

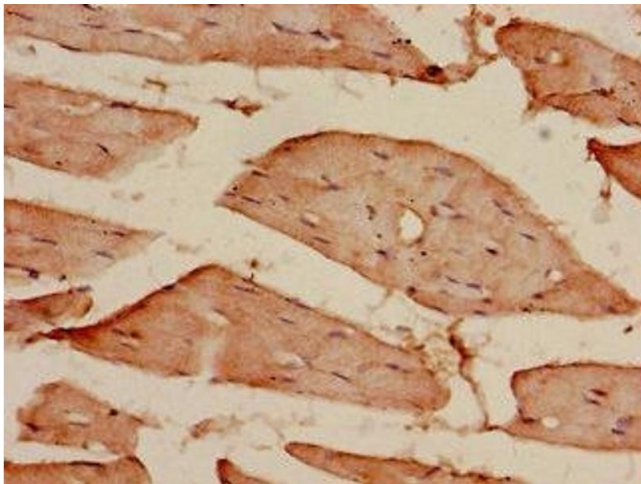
Storage: -20 °C,-80 °C

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



Immunofluorescence

Image 1. Immunofluorescent analysis of HepG2 cells using ABIN7172082 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using ABIN7172082 at dilution of 1:100