

CDKAL1 Polyclonal Antibody

Catalog # AP69024

Product Information

Application	WB, E
Primary Accession	Q5VV42
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	65111

Additional Information

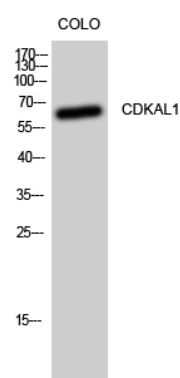
Gene ID	54901
Other Names	CDKAL1; Threonylcarbamoyladenosine tRNA methylthiotransferase; CDK5 regulatory subunit-associated protein 1-like 1; tRNA-t(6)A37 methylthiotransferase
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications. E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

Protein Information

Name	CDKAL1
Function	Catalyzes the methylthiolation of N6- threonylcarbamoyladenosine (t(6)A), leading to the formation of 2- methylthio-N6-threonylcarbamoyladenosine (ms(2)t(6)A) at position 37 in tRNAs that read codons beginning with adenine.
Cellular Location	Endoplasmic reticulum membrane; Single-pass membrane protein. Note=Is a tail-anchored protein that exploits the TCR40 pathway for insertion into the endoplasmic reticulum
Tissue Location	Expressed in pancreatic islets.

Background

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



Western Blot analysis of CoLo cells using CDKAL1 Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.