10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

CDKAL1 Polyclonal Antibody
Catalog # AP69024

Specification

CDKAL1 Polyclonal Antibody - Product Information

Application	**WB**
Primary Accession	Q5VV42
Reactivity	**Human, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**

CDKAL1 Polyclonal Antibody - 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.

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

CDKAL1 Polyclonal Antibody - 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.

CDKAL1 Polyclonal Antibody - Protocols

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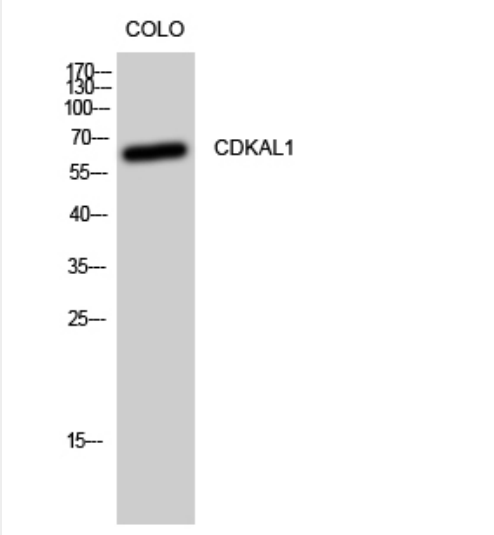
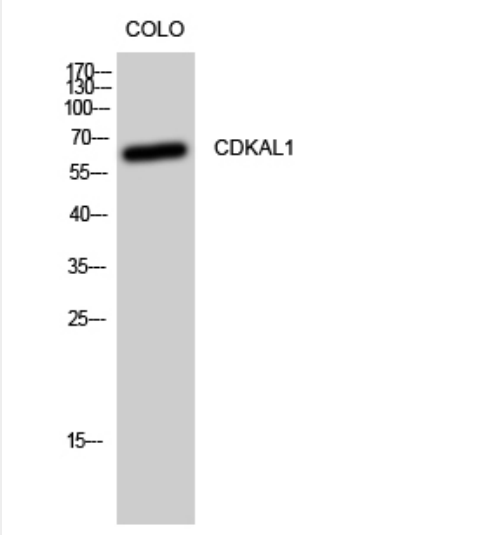
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CDKAL1 Polyclonal Antibody - Images





CDKAL1 Polyclonal Antibody - Background

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