

CDKAL1 Rabbit pAb
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Catalog # AP94154**Specification**

CDKAL1 Rabbit pAb - Product Information

Application	WB
Primary Accession	O91WE6
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	65289

CDKAL1 Rabbit pAb - Additional Information**Gene ID** 68916**Other Names**

Threonylcarbamoyladenosine tRNA methylthiotransferase, 2.8.4.5, CDK5 regulatory subunit-associated protein 1-like 1, tRNA-t(6)A37 methylthiotransferase, Cdkal1

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

CDKAL1 Rabbit pAb - 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 {ECO:0000250|UniProtKB:Q5VV42}; Single-pass membrane protein. Note=Is a tail-anchored protein that exploits the TCR40 assisted pathway for insertion into the endoplasmic reticulum {ECO:0000250|UniProtKB:Q5VV42}

Tissue Location

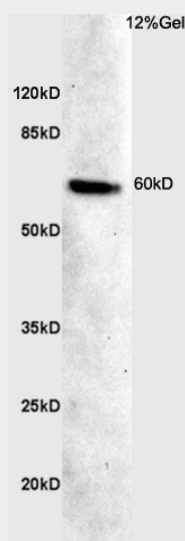
Expressed in pancreas, liver and skeletal muscle, especially in white muscle fibers.

CDKAL1 Rabbit pAb - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CDKAL1 Rabbit pAb - Images



Sample: Liver (Rat) Lysate at 40 ug Primary: Anti-CDKAL1 (AP94154) at 1/300 dilution Secondary: HRP conjugated Goat-Anti-rabbit IgG (bs-0295G-HRP) at 1/5000 dilution Predicted band size: 65 kD Observed band size: 60 kD

CDKAL1 Rabbit pAb - Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.