



Rabbit Anti-CDKAL1 antibody

SL7997R

Product Name:	CDKAL1
Chinese Name:	周期素依赖性激酶5调节蛋白1样蛋白1抗体
Alias:	CDK5 regulatory subunit-associated protein 1-like 1; CDKAL HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Horse,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	65kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from mouse CDKAL1:375-460/579
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	<p>The protein encoded by this gene is a member of the methylthiotransferase family. The function of this gene is not known. Genome-wide association studies have linked single nucleotide polymorphisms in an intron of this gene with susceptibility to type 2 diabetes. [provided by RefSeq, May 2010].</p> <p>Subcellular Location: Membrane; Single-pass membrane protein (Potential).</p>

Similarity:

Belongs to the methylthiotransferase family. CDKAL1 subfamily.
Contains 1 MTTase N-terminal domain.
Contains 1 TRAM domain.

SWISS:

Q5VV42

Gene ID:

54901

Database links:

[Entrez Gene: 54901](#)Human

[Entrez Gene: 68916](#)Mouse

[Omim: 611259](#)Human

[SwissProt: Q5VV42](#)Human

[SwissProt: Q91WE6](#)Mouse

[Unigene: 657604](#)Human

[Unigene: 212227](#)Mouse

Important Note:

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

Picture:

Sample: Liver (Rat) Lysate at 40 ug

Primary: Anti-CDKAL1 (SL7997R) at 1/300 dilution

Secondary: HRP conjugated Goat-Anti-rabbit IgG (SL7997R) at 1/5000 dilution

Predicted band size: 65 kD

	Observed band size: 60 kD
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