



CDKAL1 Monoclonal Antibody

Catalog No	YP-mAb-03755
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CDKAL1
Immunogen	The antiserum was produced against synthesized peptide derived from human CDKAL. AA range:10-59
Specificity	CDKAL1 Monoclonal Antibody detects endogenous levels of CDKAL1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CDK5 regulatory subunit-associated protein 1-like 1;EC:2.8.4.5; Threonylcarbamoyladenosine tRNA methylthiotransferase;tRNA-t(6)A37 methylthiotransferase;CDKAL1
Observed Band	65kD
Calculated Molecular Weight	65kD
Cell Pathway	Endoplasmic reticulum membrane ; Single-pass membrane protein . Is a tail-anchored protein that exploits the TCR40 pathway for insertion into the endoplasmic reticulum. .
Tissue Specificity	Expressed in pancreatic islets.
Function	cofactor: Binds 2 4Fe-4S clusters. One cluster is coordinated with 3 cysteines and an exchangeable S-adenosyl-L-methionine.,similarity:Belongs to the methylthiotransferase family. CDKAL1 subfamily.,similarity:Contains 1 MTTase N-terminal domain.,similarity:Contains 1 TRAM domain.,
Background	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],

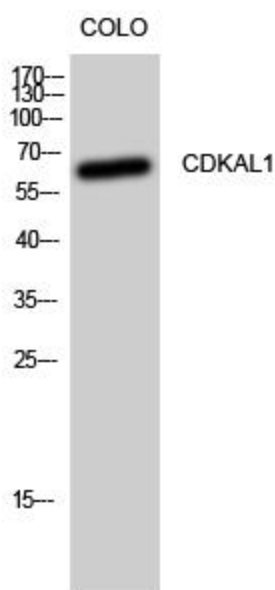
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using CDKAL1 Monoclonal Antibody