

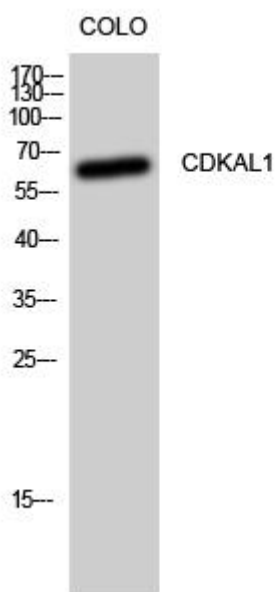


CDKAL1 Monoclonal Antibody

Catalog No	YP-mAb-03755
Isotype	IgG
Reactivity	Human;Rat
Applications	WB
Gene Name	CDKAL1
Protein Name	Threonylcarbamoyladenosine tRNA methylthiotransferase
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	CDKAL1; Threonylcarbamoyladenosine tRNA methylthiotransferase; CDK5 regulatory subunit-associated protein 1-like 1; tRNA-t(6)A37 methylthiotransferase
Observed Band	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