

CDKAL Antibody

Catalog No: #34195

Package Size: #34195-1 50ul #34195-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

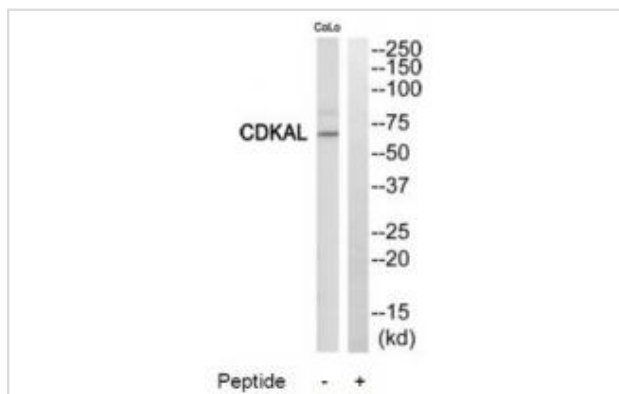
Description

Product Name	CDKAL Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu Rt
Specificity	The antibody detects endogenous levels of total CDKAL protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from N-terminal of human CDKAL.
Target Name	CDKAL
Other Names	CDK5 regulatory subunit-associated protein 1-like 1; CDKAL;
Accession No.	Swiss-Prot: Q5VV42NCBI Gene ID: 54901
SDS-PAGE MW	65kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from COLO205 cells, using CDKAL antibody #34195.

Background

Catalyzes the methylthiolation of N6-threonylcarbamoyladenosine (t6A), leading to the formation of 2-methylthio-N6-threonylcarbamoyladenosine

(ms2t6A) at position 37 in tRNAs that read codons beginning with adenine.

Ota T., Nat. Genet. 36:40-45(2004).

Mungall A.J., Nature 425:805-811(2003).

Mural R.J., Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.