



Anti-CDKN3 monoclonal antibody (DCABH-10976)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene belongs to the dual specificity protein phosphatase family. It was identified as a cyclin-dependent kinase inhibitor, and has been shown to interact with, and dephosphorylate CDK2 kinase, thus prevent the activation of CDK2 kinase. This gene was reported to be deleted, mutated, or overexpressed in several kinds of cancers. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Immunogen	A synthetic peptide of human CDKN3 is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [CDKN3 cyclin-dependent kinase inhibitor 3 \[Homo sapiens \]](#)

Official Symbol	CDKN3
Synonyms	CDKN3; cyclin-dependent kinase inhibitor 3; CDI1; CDK2 associated dual specificity phosphatase; cyclin dependent kinase inhibitor; KAP; kinase associated phosphatase; kinase-associated phosphatase; Cdk-associated protein phosphatase; cyclin-dependent kinase interactor 1; CDK2-associated dual specificity phosphatase; CDK2-associated dual-specificity phosphatase; cyclin-dependent kinase interacting protein 2; cyclin-dependent kinase-interacting protein 2; CIP2; KAP1; FLJ25787; MGC70625;
Entrez Gene ID	1033
Protein Refseq	NP_001124323
UniProt ID	Q16667
Chromosome Location	14q22
Function	hydrolase activity; protein binding; protein serine/threonine phosphatase activity; protein tyrosine phosphatase activity; protein tyrosine/serine/threonine phosphatase activity;