

# CDK2AP1 rabbit monoclonal antibody

Catalog # H00008099-K

Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human CDK2AP1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CDK2AP1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CDK2AP1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — CDK2AP1

**Entrez GeneID** [8099](#)

**GeneBank Accession#** [CDK2AP1](#)

**Gene Name** CDK2AP1

**Gene Alias** DOC1, DORC1, ST19, doc-1, p12DOC-1

**Gene Description** cyclin-dependent kinase 2 associated protein 1

**Omim ID** [602198](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** The protein encoded by this gene is a specific CDK2-associated protein, which is thought to negatively regulate CDK2 activity by sequestering monomeric CDK2, and targeting CDK2 for proteolysis. This protein was found to also interact with DNA polymerase alpha/primase and mediate the phosphorylation of the large p180 subunit, which suggested the regulatory role in DNA replication during S phase of the cell cycle. A similar gene in hamster was isolated from, and functions as a growth suppressor of normal keratinocytes. [provided by RefSeq]

**Other Designations** CDK2-associated protein 1|CDK2-associated protein 1|Deleted in oral cancer-1|cyclin-dependent kinase 2-associated protein 1|putative oral cancer suppressor