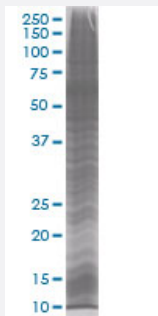


CDK2AP1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00008099-T01

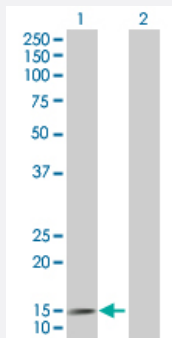
Size 100 uL

Applications



SDS-PAGE Gel

CDK2AP1 transfected lysate



Western Blot

Lane 1: CDK2AP1 transfected lysate (12.76 kDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-CDK2AP1 full-length
Host	Human
Theoretical MW (kDa)	12.76
Interspecies Antigen Sequence	Mouse (97); Rat (97)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-CDK2AP1 antibody ([H00008099-B01](#)) by Western Blots.
SDS-PAGE Gel
CDK2AP1 transfected lysate
Western Blot
Lane 1: CDK2AP1 transfected lysate (12.76 KDa).
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — CDK2AP1

Entrez GeneID[8099](#)**GeneBank Accession#**[BC034717](#)**Protein Accession#**[AAH34717](#)**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