

DNAxPAb

Hard-to-Find
Antibody

CDK2AP1 DNAxPab

Catalog # H00008099-W02P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CDK2AP1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSYKPNLAAHMPAAALNAAGSVHSPSTSMATSSQYRQLLSDYGPPSLGYTQGTGNSQVPQSKY AELLAIEELGKEIRPTYAGSKSAMERLKRGIHARGLVRECLAETERNARS
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — CDK2AP1

Entrez GeneID [8099](#)**GeneBank Accession#** [BC034717.1](#)**Protein Accession#** [AAH34717.1](#)**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