

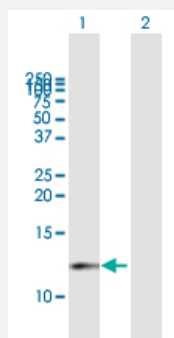
MaxPab®

CDK2AP1 purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00008099-B02P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CDK2AP1 expression in transfected 293T cell line ([H00008099-T03](#)) by CDK2AP1 MaxPab polyclonal antibody.

Lane 1: CDK2AP1 transfected lysate(12.40 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CDK2AP1 protein.
Immunogen	CDK2AP1 (AAH34717.1, 1 a.a. ~ 115 a.a) full-length human protein.
Sequence	MSYKPNLAAHMPAAALNAAGSVHSPSTSMATSSQYRQLLSQYGPPLSGYTQGTGNSQVPQSKY AELLAIEELGKEIRPTYAGSKSAMERLKRGIHARGLVRECLAETERNARS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (97)
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

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[Protocol Download](#)

Gene Info — CDK2AP1

Entrez GeneID	8099
GeneBank Accession#	NM_004642
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