

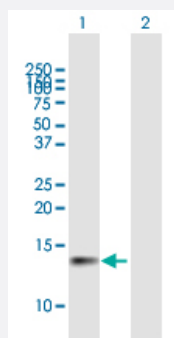
MaxPab®

CDK2AP1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00008099-B01P

Size 50 ug

Applications

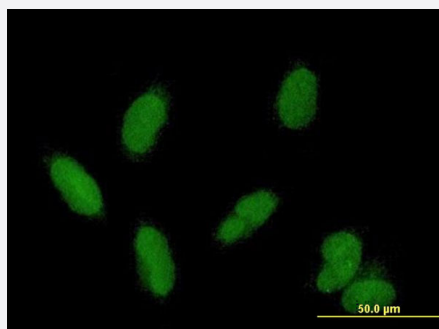


Western Blot (Transfected lysate)

Western Blot analysis of CDK2AP1 expression in transfected 293T cell line ([H00008099-T01](#)) by CDK2AP1 MaxPab polyclonal antibody.

Lane 1: CDK2AP1 transfected lysate(12.76 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to CDK2AP1 on HepG2 cell. [antibody concentration 20 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CDK2AP1 protein.
Immunogen	CDK2AP1 (AAH34717, 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.

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to CDK2AP1 on HepG2 cell. [antibody concentration 20 ug/ml]

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