Product Name: DOC-1 Rabbit Polyclonal Antibody
Catalog #: APRab10094

Summary

Production Name	DOC-1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	CDK2AP1
Alternative Names	CDK2AP1; CDKAP1; DOC1; Cyclin-dependent kinase 2-associated protein 1; CDK2-associated protein 1; Deleted in oral cancer 1; DOC-1; Putative oral cancer suppressor
Gene ID	8099.0
SwissProt ID	O14519.The antiserum was produced against synthesized peptide derived from human CDKAP1. AA range:51-100

Application

Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:5000. Not yet tested in other applications.
Molecular Weight	20kD

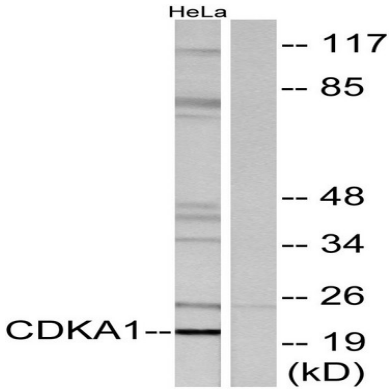
Product Name: DOC-1 Rabbit Polyclonal Antibody
Catalog #: APRab10094

Background

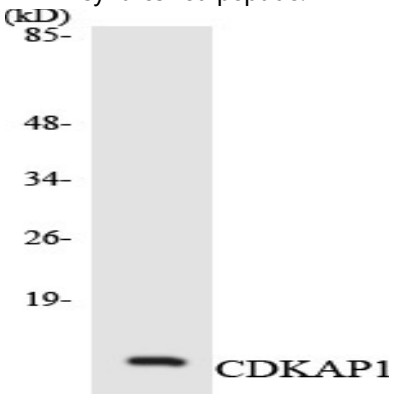
cyclin dependent kinase 2 associated protein 1(CDK2AP1) Homo sapiens The protein encoded by this gene is a cyclin-dependent kinase 2 (CDK2) -associated protein which is thought to negatively regulate CDK2 activity by sequestering monomeric CDK2, and targeting CDK2 for proteolysis. This protein was found to also interact with DNA polymerase alpha/primase and mediate the phosphorylation of the large p180 subunit, which suggests a regulatory role in DNA replication during the S-phase of the cell cycle. This protein also forms a core subunit of the nucleosome remodeling and histone deacetylation (NURD) complex that epigenetically regulates embryonic stem cell differentiation. This gene thus plays a role in both cell-cycle and epigenetic regulation. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2012],similarity:Belongs to the CDK2AP family.,

Research Area

Image Data

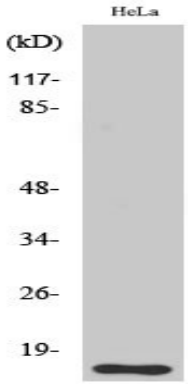


Western blot analysis of lysates from HeLa cells, using CDKPA1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using CDKAP1 antibody.

Product Name: DOC-1 Rabbit Polyclonal Antibody
Catalog #: APRab10094



Western Blot analysis of various cells using DOC-1 Polyclonal Antibody diluted at 1：500

Note

For research use only.