

CDK10 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51068**Specification**

CDK10 Antibody - Product Information

Application	WB, IHC-P, E
Primary Accession	Q15131
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46, 34 KDa

CDK10 Antibody - Additional Information**Gene ID** 8558**Other Names**

Cyclin-dependent kinase 10, Cell division protein kinase 10, Serine/threonine-protein kinase PISSLRE, CDK10

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CDK10. The exact sequence is proprietary.

Dilution

WB~~1:1000

IHC-P~~N/A

E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

CDK10 Antibody - Protein Information**Name** CDK10**Function**

Cyclin-dependent kinase that phosphorylates the transcription factor ETS2 (in vitro) and positively controls its proteasomal degradation (in cells) (PubMed: [24218572](http://www.uniprot.org/citations/24218572)). Involved in the regulation of actin cytoskeleton organization through the phosphorylation of actin dynamics regulators such as PKN2. Is a negative regulator of ciliogenesis through phosphorylation of PKN2 and promotion of RhoA signaling (PubMed: [27104747](http://www.uniprot.org/citations/27104747)).

Cellular Location

Cytoplasm, cytoskeleton, cilium basal body

CDK10 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CDK10 Antibody - Images**CDK10 Antibody - References**

Grana X., et al. Oncogene 9:2097-2103(1994).

Grana X., et al. Submitted (JUN-2000) to the EMBL/GenBank/DDBJ databases.

Brambilla R., et al. Oncogene 9:3037-3041(1994).

Crawford J., et al. Genomics 56:90-97(1999).

Ota T., et al. Nat. Genet. 36:40-45(2004).