

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

---

**CDK10 Antibody - Product Information**

Application	<b>WB, IHC-P, E</b>
Primary Accession	<a href="#">O15131</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>46, 34 KDa</b>

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

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

**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).