

# CDK10 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51068

## Product Information

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<b>Application</b>	WB, IHC-P
<b>Primary Accession</b>	<a href="#">Q15131</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	41038

## Additional Information

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<b>Gene ID</b>	8558
<b>Other Names</b>	Cyclin-dependent kinase 10, Cell division protein kinase 10, Serine/threonine-protein kinase PISSLRE, CDK10
<b>Dilution</b>	WB~~1:1000 IHC-P~~N/A
<b>Format</b>	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
<b>Storage</b>	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

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<b>Name</b>	CDK10
<b>Function</b>	Cyclin-dependent kinase that phosphorylates the transcription factor ETS2 (in vitro) and positively controls its proteasomal degradation (in cells) (PubMed: <a href="#">24218572</a> ). 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: <a href="#">27104747</a> ).
<b>Cellular Location</b>	Cytoplasm, cytoskeleton, cilium basal body

## References

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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).

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