

Cdk10 Polyclonal Antibody
Catalog # AP69013**Specification****Cdk10 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	Q15131
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

Cdk10 Polyclonal Antibody - Additional Information**Gene ID** 8558**Other Names**

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

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Cdk10 Polyclonal 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

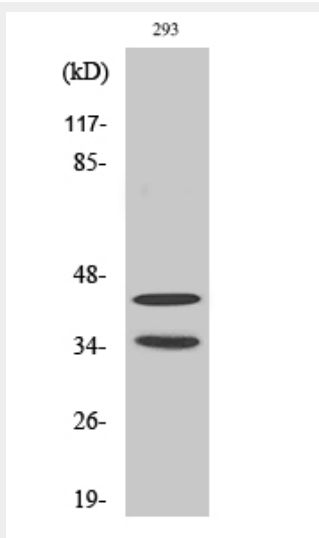
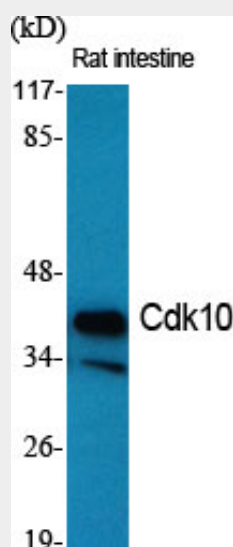
Cytoplasm, cytoskeleton, cilium basal body

Cdk10 Polyclonal 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 Polyclonal Antibody - Images



Cdk10 Polyclonal Antibody - Background

Cyclin-dependent kinase that phosphorylates the transcription factor ETS2 (in vitro) and positively controls its proteasomal degradation (in cells) (PubMed: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).