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# 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.

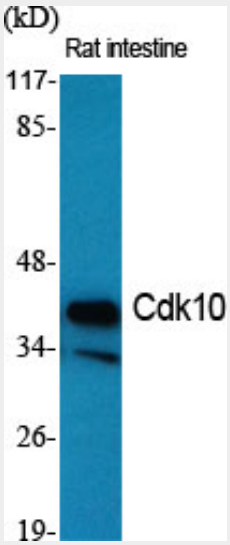
**Format**
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

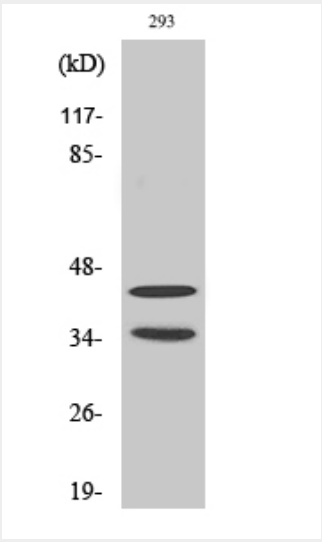
**Storage Conditions**
-20℃

### 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:<a href="http://www.uniprot.org/citations/24218572" target="_blank">24218572</a>). Involved in the regulation of actin cytoskeleton organization through the phosphorylation of actin dynamics regulators such as PKN2. Is




### 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

a negative regulator of ciliogenesis through phosphorylation of PKN2 and promotion of RhoA signaling (PubMed:<a href="http://www.uniprot.org/citations/27104747" target="_blank">27104747</a>).

**Cellular Location**
Cytoplasm, cytoskeleton, cilium basal body

regulators such as PKN2. Is a negative regulator of ciliogenesis through phosphorylation of PKN2 and promotion of RhoA signaling (PubMed:27104747).

## 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 Cytomety
- Cell Culture