

**Mouse Cdk20 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP16072c**

**Specification**

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**Mouse Cdk20 Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O9JHU3</a>
Other Accession	<a href="#">O4KM34</a> , <a href="#">NP_444410.1</a>
Reactivity	Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	38379
Antigen Region	185-212

**Mouse Cdk20 Antibody (Center) - Additional Information**

**Gene ID** 105278

**Other Names**

Cyclin-dependent kinase 20, CDK-activating kinase p42, CAK-kinase p42, CDK-related protein kinase PNQLARE, Cell cycle-related kinase, Cell division protein kinase 20, Cyclin-dependent protein kinase H, Cyclin-kinase-activating kinase p42, Cdk20, Ccrk, Cdch

**Target/Specificity**

This Mouse Cdk20 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 185-212 amino acids from the Central region of mouse Cdk20.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Mouse Cdk20 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**Mouse Cdk20 Antibody (Center) - Protein Information**

**Name** Cdk20

**Synonyms** Ccrk, Cdch

**Function** Involved in cell growth. Activates CDK2, a kinase involved in the control of the cell cycle, by phosphorylating residue 'Thr-160' (By similarity). Required for high-level Shh responses in the developing neural tube. Together with TBC1D32, controls the structure of the primary cilium by coordinating assembly of the ciliary membrane and axoneme, allowing GLI2 to be properly activated in response to SHH signaling.

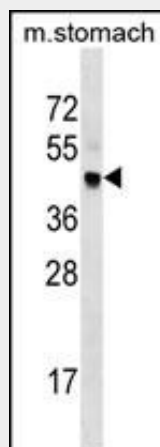
**Cellular Location**

Nucleus. Cytoplasm. Cell projection, cilium

**Mouse Cdk20 Antibody (Center) - 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](#)

**Mouse Cdk20 Antibody (Center) - Images**

Mouse Cdk20 Antibody (Center) (Cat. #AP16072c) western blot analysis in mouse stomach tissue lysates (35ug/lane). This demonstrates the Cdk20 antibody detected the Cdk20 protein (arrow).

**Mouse Cdk20 Antibody (Center) - Background**

Cdk20 is involved in cell growth. Activates CDK2, a kinase involved in the control of the cell cycle, by phosphorylating residue 'Thr-160' (By similarity). Required for high-level Shh responses in the developing neural tube. Together with BROMI, controls the structure of the primary cilium by coordinating assembly of the ciliary membrane and axoneme, allowing GLI2 to be properly activated in response to SHH signaling.

**Mouse Cdk20 Antibody (Center) - References**

Qiu, H., et al. J. Biol. Chem. 283(32):22157-22165(2008)

Wohlbold, L., et al. Cell Cycle 5(5):546-554(2006)