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Mouse Cdk20 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP16072c

Specification

Mouse Cdk20 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	O9JHU3
Other Accession	Q4KM34, NP_444410.1
Reactivity	**Mouse**
Predicted	**Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit Ig**
Calculated MW	**38379**
Antigen Region	**185-212**

Mouse Cdk20 Antibody (Center) - Additional Information

Gene ID 105278

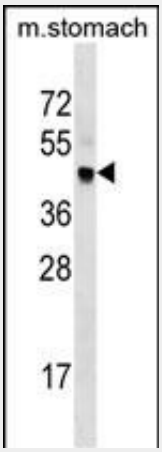
Other Names
Cyclin-dependent kinase 20, CDK-activating kinase p42, CAK-kinase p42, CDK-related protein kinase PNQLARE, Cell cycle-related kinase, Cell division protein kinase 20, Cyclin-dependent protein kinase H, Cyclin-kinase-activating kinase p42, Cdk20, Ccrk, Cdch

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



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)

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 Cytomety
- Cell Culture