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Mouse Cdkn1b Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP18599A

Specification

Mouse Cdkn1b Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	P46414, P46527
Other Accession	NP_034005.2
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit Ig**
Antigen Region	**1-30**

Mouse Cdkn1b Antibody (N-term) - Additional Information

Other Names
Cyclin-dependent kinase inhibitor 1B, Cyclin-dependent kinase inhibitor p27, p27Kip1, Cdkn1b

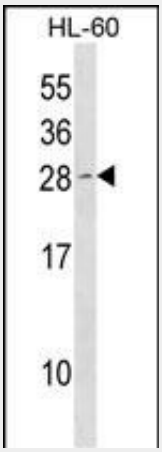
Target/Specificity
This Mouse Cdkn1b antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of mouse Cdkn1b.

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 Cdkn1b Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.



Mouse Cdkn1b Antibody (N-term) (Cat. #AP18599a) western blot analysis in HL-60 cell line lysates (35ug/lane).This demonstrates the Mouse Cdkn1b antibody detected the Mouse Cdkn1b protein (arrow).

Mouse Cdkn1b Antibody (N-term) - Background

Important regulator of cell cycle progression. Involved in G1 arrest. Potent inhibitor of cyclin E-and cyclin A-CDK2 complexes. Positive regulator of cyclin D-dependent kinases such as CDK4. Regulated by phosphorylation and degradation events.

Mouse Cdkn1b Antibody (N-term) - References

Singh, A., et al. Mol. Cell. Biol. 30(21):5145-5159(2010)
Antico-Arciuch, V.G., et al. Oncogene 29(42):5678-5686(2010)
Mitsuhashi, T., et al. Proc. Natl. Acad. Sci. U.S.A. 107(37):16331-16335(2010)
Zhang, Y., et al. Genes Dev. 24(16):1746-1757(2010)
Wang, Y.Y., et al. J Mol Cell Biol 2(4):209-216(2010)

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Mouse Cdkn1b Antibody (N-term) - 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