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Mouse Plk5 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14276a

Specification

Mouse Plk5 Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	Q4FZD7
Other Accession	NP_898975.2
Reactivity	**Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**66055**
Antigen Region	**4-31**

Mouse Plk5 Antibody (N-term) - Additional Information

Gene ID 216166

Other Names
Inactive serine/threonine-protein kinase PLK5, Polo-like kinase 5, PLK-5, Plk5 {ECO:0000250|UniProtKB:Q64702}

Target/Specificity
This Mouse Plk5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 4-31 amino acids from the N-terminal region of mouse Plk5.

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 Plk5 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Mouse Plk5 Antibody (N-term) - Protein Information

Name Plk5 {ECO:0000250|UniProtKB:Q64702}

Function Inactive serine/threonine-protein kinase that plays a role in cell cycle progression and

neuronal differentiation.

Cellular Location
Nucleus, nucleolus. Cytoplasm

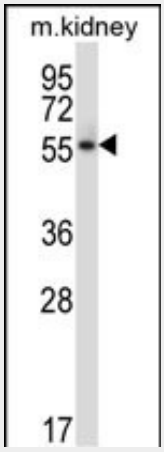
Tissue Location
Expressed in the cerebellum, eye and brain cortex (at protein level). Expressed in highly differentiated tissues, such as brain, eyes and ovary. Not detectable in proliferating tissues, such as the colon, spleen and placenta

Mouse Plk5 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

Mouse Plk5 Antibody (N-term) - Images



Mouse Plk5 Antibody (N-term) (Cat. #AP14276a) western blot analysis in mouse kidney tissue lysates (35ug/lane).This demonstrates the Plk5 antibody detected the Plk5 protein (arrow).

Mouse Plk5 Antibody (N-term) - Background

PLK5 (Serine/threonine-protein kinase PLK5) belongs to the protein kinase superfamily and Ser/Thr protein kinase family and CDC5/Polo subfamily. PLK5P contains 1 POLO box domain and 1 Serine/Threonine protein kinase catalytic domain.

Mouse Plk5 Antibody (N-term) - References

Pereira, J.D., et al. Proc. Natl. Acad. Sci. U.S.A. 107(36):15957-15962(2010)
Andrysik, Z., et al. Nucleic Acids Res. 38(9):2931-2943(2010)
Blackshaw, S., et al. PLoS Biol. 2 (9), E247 (2004) :