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Mouse Plk5 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP14276a

Specification

Mouse Plk5 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q4FZD7

Mouse Plk5 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 216166

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

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Mouse Plk5 Antibody (N-term) Blocking Peptide - 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) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

Mouse Plk5 Antibody (N-term) Blocking Peptide - Images

Mouse Plk5 Antibody (N-term) Blocking Peptide - Background

PLK5 (Serine/threonine-protein kinase PLK5) belongs to the protein kinasesuperfamily 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) Blocking Peptide - 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) :