10320 Camino Santa Fe, Suite G
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Mouse Clk1 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP14613a

Specification

Mouse Clk1 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession P22518

Mouse Clk1 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 12747

Other Names
Dual specificity protein kinase CLK1, CDC-like kinase 1, Protein kinase STY, Clk1, Clk, Sty

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 Clk1 Antibody (N-term) Blocking Peptide - Protein Information

Name Clk1 {ECO:0000312|MGI:MGI:107403}

Function
Dual specificity kinase acting on both serine/threonine and tyrosine-containing substrates (PubMed:1825055, PubMed:1986248, PubMed:9307018). Phosphorylates serine- and arginine-rich (SR) proteins of the spliceosomal complex and may be a constituent of a network of regulatory mechanisms that enable SR proteins to control RNA splicing. Phosphorylates: SRSF1, SRSF3 and PTPN1 (PubMed:8617202, PubMed:9307018). Regulates the alternative splicing of tissue factor (F3) pre-mRNA in endothelial cells (By similarity).

Cellular Location
Nucleus

Mouse Clk1 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

Mouse Clk1 Antibody (N-term) Blocking Peptide - Images

Mouse Clk1 Antibody (N-term) Blocking Peptide - Background

Phosphorylates serine-and arginine-rich (SR) proteins of the spliceosomal complex may be a constituent of a network of regulatory mechanisms that enable SR proteins to control RNA splicing. Phosphorylates serines, threonines and tyrosines.