

Mouse Clk4 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP14615a**Specification****Mouse Clk4 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [O35493](#)**Mouse Clk4 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 12750**Other Names**Dual specificity protein kinase CLK4,
CDC-like kinase 4, Clk4**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 Clk4 Antibody (N-term) Blocking Peptide - Protein Information**Name** Clk4**Function**

Dual specificity kinase acting on both serine/threonine and tyrosine-containing substrates. 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 and SRSF3. Required for the regulation of alternative splicing of MAPT/TAU. Regulates

Mouse Clk4 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. Required for the regulation of alternative splicing of MAPT/TAU.

Mouse Clk4 Antibody (N-term) Blocking Peptide - References

Katsu, R., et al. J. Biol. Chem. 277(46):44220-44228(2002)Hartmann, A.M., et al. Mol. Cell. Neurosci. 18(1):80-90(2001)Watkins-Chow, D.E., et al. Genomics 45(1):147-157(1997)Nayler, O., et al. Biochem. J. 326 (PT 3), 693-700 (1997) :

the alternative splicing of tissue factor (F3)
pre-mRNA in endothelial cells.

Cellular Location

Nucleus.

Tissue Location

Expressed in the hippocampus, the
cerebellum and the olfactory bulb.

**Mouse Clk4 Antibody (N-term) Blocking
Peptide - Protocols**

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

- [Blocking Peptides](#)