

**Mouse Clk3 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP14953a****Specification**

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**Mouse Clk3 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [O35492](#)**Mouse Clk3 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 102414**Other Names**

Dual specificity protein kinase CLK3, CDC-like kinase 3, Clk3

**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 Clk3 Antibody (N-term) Blocking Peptide - Protein Information****Name** Clk3**Function**

Dual specificity kinase acting on both serine/threonine and tyrosine-containing substrates. 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 and can cause redistribution of SR proteins from speckles to a diffuse nucleoplasmic distribution. Phosphorylates SRSF1 and SRSF3. Regulates the alternative splicing of tissue factor (F3) pre-mRNA in endothelial cells.

**Cellular Location**

Nucleus. Cytoplasm. Cytoplasmic vesicle, secretory vesicle, acrosome

**Tissue Location**

Present at high levels in testis and ovary. In testis, expression is restricted to elongated, maturing spermatozoa Also present in spleen, brain, lung and liver (at protein level)

**Mouse Clk3 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **Mouse Clk3 Antibody (N-term) Blocking Peptide - Images**

#### **Mouse Clk3 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.

#### **Mouse Clk3 Antibody (N-term) Blocking Peptide - References**

Sansom, S.N., et al. PLoS Genet. 5 (6), E1000511 (2009) :Carrier, A., et al. Immunogenetics 50 (5-6), 255-270 (1999) :Nayler, O., et al. Biochem. J. 326 (PT 3), 693-700 (1997) :