

**CLK3 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP7531a****Specification**

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**CLK3 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [P49761](#)**CLK3 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 1198**Other Names**

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

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP7531a](/product/products/AP7531a) was selected from the N-term region of human CLK3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**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**

[Isoform 1]: Nucleus. Cytoplasm. Cytoplasmic vesicle, secretory vesicle, acrosome

**Tissue Location**

Endothelial cells..

### **CLK3 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **CLK3 Antibody (N-term) Blocking Peptide - Images**

### **CLK3 Antibody (N-term) Blocking Peptide - Background**

This gene encodes a protein belonging to the serine/threonine type protein kinase family. This protein is a nuclear dual-specificity kinase that regulates the intranuclear distribution of the serine/arginine-rich (SR) family of splicing factors. Alternatively spliced transcript variants have been described for this gene, but their biological validity has not been determined. Pseudogenes located on chromosomes 1 and 9 have been found for this gene.

### **CLK3 Antibody (N-term) Blocking Peptide - References**

Strausberg, R.L., et al., Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903 (2002). Hanes, J., et al., J. Mol. Biol. 244(5):665-672 (1994).