

**CDKL1 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP7526a****Specification**

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**CDKL1 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q00532](#)**CDKL1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 8814**Other Names**

Cyclin-dependent kinase-like 1, Protein kinase p42 KKIALRE, Serine/threonine-protein kinase KKIALRE, CDKL1

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP7526a](/product/products/AP7526a) was selected from the N-term region of human CDKL1 . 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.

**CDKL1 Antibody (N-term) Blocking Peptide - Protein Information****Name** CDKL1 ([HGNC:1781](#))**Cellular Location**

Cytoplasm. Nucleus

**Tissue Location**

Highly expressed in kidney, and to a lower extent in ovary.

**CDKL1 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **CDKL1 Antibody (N-term) Blocking Peptide - Images**

#### **CDKL1 Antibody (N-term) Blocking Peptide - Background**

This gene product is a member of a large family of CDC2-related serine/threonine protein kinases. It accumulates primarily in the nucleus. Alternative splice variants encoding different protein isoforms have been described, but their full-length nature has not been determined.

#### **CDKL1 Antibody (N-term) Blocking Peptide - References**

Meyerson, M., et al., EMBO J. 11(8):2909-2917 (1992).