10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Mouse Cdkl1 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP14705b

Specification

Mouse Cdkl1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q8CEQ0

Mouse Cdkl1 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 71091

Other Names
Cyclin-dependent kinase-like 1, Cdkl1

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 Cdkl1 Antibody (C-term) Blocking Peptide - Protein Information

Name Cdkl1 {ECO:0000312|MGI:MGI:1918341}

Cellular Location
Cytoplasm. Nucleus.

Mouse Cdkl1 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

Mouse Cdkl1 Antibody (C-term) Blocking Peptide - Images

Mouse Cdkl1 Antibody (C-term) Blocking Peptide - Background

CDKL1 is a member of a large family of CDC2 related serine/threonine protein kinases. The KKIALRE motif seems to be a cyclin binding region. CDKL1 was identified as a human homologue of cyclin dependent kinases by low stringency cloning studies. In view of its size and the conservation of a Thr-X-Tyr dual phosphorylation site motif in the region between kinase subdomains VII and VIII, it is more likely that CDKL1 corresponds to a MAP kinase family member. It was named after the

amino acid sequence corresponding to the PSTAIRE motif of cdc2 (subdomain III).

Mouse Cdkl1 Antibody (C-term) Blocking Peptide - References

Zambrowicz, B.P., et al. Proc. Natl. Acad. Sci. U.S.A. 100(24):14109-14114(2003)