

CDK5R2(p39) Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP7742b**Specification**

CDK5R2(p39) Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q13319](#)**CDK5R2(p39) Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 8941**Other Names**

Cyclin-dependent kinase 5 activator 2, CDK5 activator 2, Cyclin-dependent kinase 5 regulatory subunit 2, p39, p39I, CDK5R2, NCK5AI

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP7742b](/products/AP7742b) was selected from the p39 region of human CDK5R2(p39). 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.

CDK5R2(p39) Antibody (C-term) Blocking Peptide - Protein Information**Name** CDK5R2**Synonyms** NCK5AI**Function**

Activator of CDK5/TPKII.

Cellular Location

Cell membrane; Lipid-anchor; Cytoplasmic side

Tissue Location

Brain and neuron specific.

CDK5R2(p39) Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CDK5R2(p39) Antibody (C-term) Blocking Peptide - Images**CDK5R2(p39) Antibody (C-term) Blocking Peptide - Background**

CDK5R2(p39) is a neuron-specific activator of CDK5 kinase. It associates with CDK5 to form an active kinase. This protein and neuron-specific CDK5 activator CDK5R1/p39NCK5A both share limited similarity to cyclins, and thus may define a distinct family of cyclin-dependent kinase activating proteins.

CDK5R2(p39) Antibody (C-term) Blocking Peptide - References

Rademakers, R., Neurobiol. Aging 26 (8), 1145-1151 (2005) Dhavan, R., J. Neurosci. 22 (18), 7879-7891 (2002) Patzke, H., J. Biol. Chem. 277 (10), 8054-8060 (2002)