

# CDK5R2(p39) Antibody (N-term) Blocking Peptide

Synthetic peptide Catalog # BP7742a

## **Specification**

CDK5R2(p39) Antibody (N-term) Blocking Peptide - Product Information

Primary Accession <u>Q13319</u>

CDK5R2(p39) Antibody (N-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 <a href=/products/AP7742a>AP7742a</a> 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 (N-term) Blocking Peptide - Protein Information

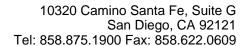
Name CDK5R2

# CDK5R2(p39) Antibody (N-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 (N-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)





## **Synonyms** NCK5AI

### **Function**

Activator of CDK5/TPKII.

## **Cellular Location**

Cell membrane; Lipid-anchor; Cytoplasmic side

## **Tissue Location**

Brain and neuron specific.

# CDK5R2(p39) Antibody (N-term) Blocking Peptide - Protocols

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

• Blocking Peptides