

CHN1 Blocking Peptide (N-term)
Synthetic peptide
Catalog # BP20274a**Specification**

CHN1 Blocking Peptide (N-term) - Product Information

Primary Accession [P15882](#)
Other Accession [O91V57](#), [NP_001020372.2](#)

CHN1 Blocking Peptide (N-term) - Additional Information

Gene ID 1123

Other Names

N-chimaerin, A-chimaerin, Alpha-chimerin, N-chimerin, NC, Rho GTPase-activating protein 2, CHN1, ARHGAP2, CHN

Target/Specificity

The synthetic peptide sequence is selected from aa 6-19 of HUMAN CHN1

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.

CHN1 Blocking Peptide (N-term) - Protein Information

Name CHN1

Synonyms ARHGAP2, CHN

Function

GTPase-activating protein for p21-rac and a phorbol ester receptor. Involved in the assembly of neuronal locomotor circuits as a direct effector of EPHA4 in axon guidance.

Tissue Location

In neurons in brain regions that are involved in learning and memory processes

CHN1 Blocking Peptide (N-term) - Protocols

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

- [Blocking Peptides](#)

CHN1 Blocking Peptide (N-term) - Images

CHN1 Blocking Peptide (N-term) - Background

This gene encodes GTPase-activating protein for p21-rac and a phorbol ester receptor. It plays an important role in ocular motor axon pathfinding. Heterozygous missense mutations in this gene cause Duane's retraction syndrome 2 (DURS2). Multiple transcript variants encoding different isoforms have been found for this gene.

CHN1 Blocking Peptide (N-term) - References

Volk, A.E., et al. Graefes Arch. Clin. Exp. Ophthalmol. 248(9):1351-1357(2010)
Dick, D.M., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (6), 1179-1188 (2010) :
Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Miyake, N., et al. Am. J. Med. Genet. A 152A (1), 215-217 (2010) :
Murillo-Correa, C.E., et al. J AAPOS 13(3):245-248(2009)