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

ATXN10 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP5093a

Specification

ATXN10 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q9UBB4

ATXN10 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 25814

Other Names
Ataxin-10, Brain protein E46 homolog, Spinocerebellar ataxia type 10 protein, ATXN10, SCA10

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.

ATXN10 Antibody (N-term) Blocking Peptide - Protein Information

Name ATXN10

Synonyms SCA10

Function
Necessary for the survival of cerebellar neurons. Induces neuritogenesis by activating the Ras-MAP kinase pathway. May play a role in the maintenance of a critical intracellular glycosylation level and homeostasis.

Cellular Location
Cytoplasm, perinuclear region

Tissue Location
Expressed in the central nervous system.

ATXN10 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

ATXN10 Antibody (N-term) Blocking Peptide - Images

ATXN10 Antibody (N-term) Blocking Peptide - Background

ATXN10 encodes a protein that may function in neuron survival, neuron differentiation, and neuritogenesis. These roles may be carried out via activation of the mitogen-activated protein kinase cascade. Expansion of a pentanucleotide repeat in an intronic region of this locus has been associated with spinocerebellar ataxia, type 10.

ATXN10 Antibody (N-term) Blocking Peptide - References

Li, Y., et al. Wei Sheng Wu Xue Bao 49(8):1081-1085(2009)Wardle, M., et al. J. Neurol. 256(3):343-348(2009)Almeida, T., et al. PLoS ONE 4 (2), E4553 (2009)