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ATXN2 Blocking Peptide (Center)

Synthetic peptide
Catalog # BP21768c

Specification

ATXN2 Blocking Peptide (Center) - Product Information

Primary Accession O99700

ATXN2 Blocking Peptide (Center) - Additional Information

Gene ID 6311

Other Names
Ataxin-2, Spinocerebellar ataxia type 2 protein, Trinucleotide repeat-containing gene 13 protein, ATXN2, ATX2, SCA2, TNRC13

Target/Specificity
The synthetic peptide sequence is selected from aa 745-757 of HUMAN ATXN2

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.

ATXN2 Blocking Peptide (Center) - Protein Information

Name ATXN2

Synonyms ATX2, SCA2, TNRC13

Function
Involved in EGFR trafficking, acting as negative regulator of endocytic EGFR

ATXN2 Blocking Peptide (Center) - Background

Involved in EGFR trafficking, acting as negative regulator of endocytic EGFR internalization at the plasma membrane.

ATXN2 Blocking Peptide (Center) - References

Pulst S.-M.,et al.Nat. Genet. 14:269-276(1996).
Sanpei K.,et al.Nat. Genet. 14:277-284(1996).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Scherer S.E.,et al.Nature 440:346-351(2006).
Imbert G.,et al.Nat. Genet. 14:285-291(1996).

internalization at the plasma membrane.

Cellular Location
Cytoplasm.

Tissue Location
Expressed in the brain, heart, liver, skeletal muscle, pancreas and placenta. Isoform 1 is predominant in the brain and spinal cord. Isoform 4 is more abundant in the cerebellum. In the brain, broadly expressed in the amygdala, caudate nucleus, corpus callosum, hippocampus, hypothalamus, substantia nigra, subthalamic nucleus and thalamus.

ATXN2 Blocking Peptide (Center) - Protocols

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

- Blocking Peptides