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ATXN2 Blocking Peptide (N-Term)

Synthetic peptide
Catalog # BP21752a

Specification

ATXN2 Blocking Peptide (N-Term) - Product Information

Primary Accession Q99700

ATXN2 Blocking Peptide (N-Term) - 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 341-355 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 (N-Term) - Protein Information

Name ATXN2

Synonyms ATX2, SCA2, TNRC13

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

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ATXN2 Blocking Peptide (N-Term) - Protocols

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

- Blocking Peptides

ATXN2 Blocking Peptide (N-Term) - Images

ATXN2 Blocking Peptide (N-Term) - Background

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

ATXN2 Blocking Peptide (N-Term) - 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).