



### **ATXN2 Blocking Peptide (Center)**

Synthetic peptide Catalog # BP21768c

### **Specification**

ATXN2 Blocking Peptide (Center) - Product Information

Primary Accession <u>Q99700</u>

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**

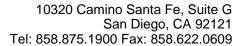
Involved in EGFR trafficking, acting as negative regulator of endocytic EGFR

# 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