

**ATXN1L Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP18768c****Specification**

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**ATXN1L Antibody (Center) Blocking Peptide - Product Information**Primary Accession [POC7T5](#)**ATXN1L Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 342371**Other Names**

Ataxin-1-like, Brother of ataxin-1, Brother of ATXN1, ATXN1L, BOAT, BOAT1

**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.

**ATXN1L Antibody (Center) Blocking Peptide - Protein Information****Name** ATXN1L**Synonyms** BOAT, BOAT1**Function**

Chromatin-binding factor that repress Notch signaling in the absence of Notch intracellular domain by acting as a CBF1 corepressor. Binds to the HEY promoter and might assist, along with NCOR2, RBPJ- mediated repression (PubMed:&lt;a href="http://www.uniprot.org/citations/21475249" target="\_blank"&gt;21475249&lt;/a&gt;). Can suppress ATXN1 cytotoxicity in spinocerebellar ataxia type 1 (SCA1). In concert with CIC and ATXN1, involved in brain development (By similarity).

**Cellular Location**

Nucleus. Cell projection, dendrite. Note=Forms nuclear foci. Colocalizes with NCOR2 and HDAC3. Distributed beyond the nucleus into the cell body and dendrites in Purkinje cells and in inferior olive cells

**Tissue Location**

Expressed in cerebellum and cerebral cortex.

**ATXN1L Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**ATXN1L Antibody (Center) Blocking Peptide - Images****ATXN1L Antibody (Center) Blocking Peptide - Background**

ATXN1L can suppress the cytotoxicity of ATXN1 in spinocerebellar ataxia type 1 (SCA1) (By similarity).

**ATXN1L Antibody (Center) Blocking Peptide - References**

Bowman, A.B., et al. Nat. Genet. 39(3):373-379(2007) Mizutani, A., et al. EMBO J. 24(18):3339-3351(2005) Venter, J.C., et al. Science 291(5507):1304-1351(2001)