

ATXN1L Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP18768C

Product Information

Application	WB, E
Primary Accession	P0C7T5
Other Accession	P0C7T6 , NP_001131147.1
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB38697
Calculated MW	73306
Antigen Region	385-411

Additional Information

Gene ID	342371
Other Names	Ataxin-1-like, Brother of ataxin-1, Brother of ATXN1, ATXN1L, BOAT, BOAT1
Target/Specificity	This ATXN1L antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 385-411 amino acids from the Central region of human ATXN1L.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ATXN1L Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

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:[21475249](#)). 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.

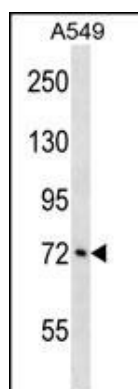
Background

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

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)

Images



ATXN1L Antibody (Center)(Cat. #AP18768c) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the ATXN1L antibody detected the ATXN1L protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.