

ATXN1 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3019a**Specification****ATXN1 Antibody (internal region) - Product Information**

Application	E
Primary Accession	P54253
Other Accession	NP_000323.2 , 6310
Predicted	Human, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	86923

ATXN1 Antibody (internal region) - Additional Information**Gene ID** 6310**Other Names**

Ataxin-1, Spinocerebellar ataxia type 1 protein, ATXN1, ATX1, SCA1

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ATXN1 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

ATXN1 Antibody (internal region) - Protein Information**Name** ATXN1**Synonyms** ATX1, SCA1**ATXN1 Antibody (internal region) - Background**

Reported variant NP_000323.2 and NP_001121636.1 represent identical protein.

ATXN1 Antibody (internal region) - References

Identification and characterization of the gene causing type 1 spinocerebellar ataxia Banfi S, Servadio A, Chung MY, Kwiatkowski TJ Jr, McCall AE, Duvick LA, Shen Y, Roth EJ, Orr HT, Zoghbi HY Nat. Genet. 1994 Aug 7 (4): 513-20 PMID: 7951322

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. Binds RNA in vitro. May be involved in RNA metabolism (PubMed:21475249). In concert with CIC and ATXN1L, involved in brain development (By similarity).

Cellular Location

Cytoplasm. Nucleus Note=Colocalizes with USP7 in the nucleus

Tissue Location

Widely expressed throughout the body.

**ATXN1 Antibody (internal region) -
Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)