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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

Dilution
E~~N/A

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

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:<a

href="http://www.uniprot.org/citations/21475249" target="_blank">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 Cytomety
- Cell Culture

ATXN1 Antibody (internal region) - Images

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