

ataxin-1 (aa686-699) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3539a**Specification**

ataxin-1 (aa686-699) Antibody (internal region) - Product Information

Application	E
Primary Accession	P54253
Other Accession	NP_000323.2 , 6310 , 20238 (mouse) , 25049 (rat)
Predicted Host	Human, Mouse, Rat, Pig, Cow
Clonality	Goat
Concentration	Polyclonal
Isotype	0.5 mg/ml
Calculated MW	IgG
	86923

ataxin-1 (aa686-699) 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

ataxin-1 (aa686-699) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

ataxin-1 (aa686-699) 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: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.

ataxin-1 (aa686-699) 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](#)

ataxin-1 (aa686-699) Antibody (internal region) - Images**ataxin-1 (aa686-699) Antibody (internal region) - Background**

Reported variants represent identical protein: NP_001121636.1, NP_000323.2

ataxin-1 (aa686-699) Antibody (internal region) - References

SCA1-like disease in mice expressing wild-type ataxin-1 with a serine to aspartic acid replacement at residue 776. Duvick L, Barnes J, Ebner B, Agrawal S, Andresen M, Lim J, Giesler GJ, Zoghbi HY, Orr HT, Neuron 2010 Sep 67 (6): 929-35. PMID: 20869591