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ATXN1 / SCA1 Antibody (aa742-791)

Rabbit Polyclonal Antibody
Catalog # ALS14209

Specification

ATXN1 / SCA1 Antibody (aa742-791) - Product Information

Application	**IF, IHC**
Primary Accession	P54253
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**87kDa KDa**

ATXN1 / SCA1 Antibody (aa742-791) - Additional Information

Gene ID 6310

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

Target/Specificity
Ataxin 1 (Ab-776) Antibody detects endogenous levels of total Ataxin 1 protein.

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions
ATXN1 / SCA1 Antibody (aa742-791) is for research use only and not for use in diagnostic or therapeutic procedures.

ATXN1 / SCA1 Antibody (aa742-791) - 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.

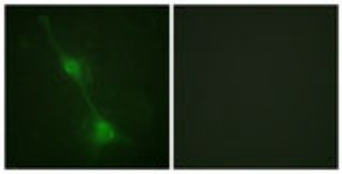
Volume
50 µl

ATXN1 / SCA1 Antibody (aa742-791) - Protocols

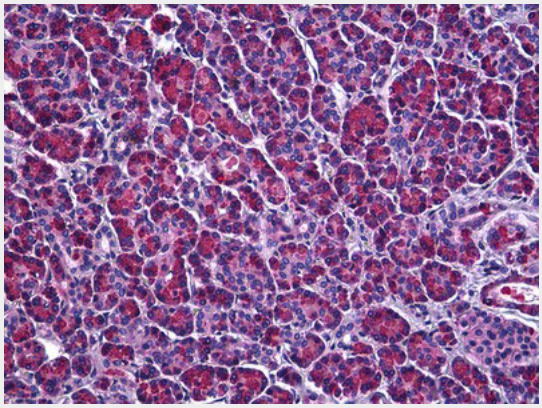
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ATXN1 / SCA1 Antibody (aa742-791) - Images



Immunofluorescence of NIH-3T3 cells, using Ataxin 1 (Ab-776) Antibody.



Anti-ATXN1 / Ataxin-1 antibody IHC of human pancreas.

ATXN1 / SCA1 Antibody (aa742-791) - Background

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. The expansion of the polyglutamine tract may alter this function.

ATXN1 / SCA1 Antibody (aa742-791) - References

Banfi S.,et al.Nat. Genet. 7:513-519(1994).
Mungall A.J.,et al.Nature 425:805-811(2003).
Quan F.,et al.Hum. Mol. Genet. 4:2411-2413(1995).
Burright E.N.,et al.Hum. Mol. Genet. 6:513-518(1997).

Matilla A.,et al.Nature 389:974-978(1997).