

Anti-Ataxin 1 Picoband Antibody
Catalog # ABO12112**Specification**

Anti-Ataxin 1 Picoband Antibody - Product Information

Application	WB, IHC-P
Primary Accession	P54253
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for Ataxin-1(ATXN1) detection. Tested with WB, IHC-P in Human.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-Ataxin 1 Picoband Antibody - Additional Information

Gene ID 6310

Other Names

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

Calculated MW

86923 MW KDa

Application Details

Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, By Heat
Western blot, 0.1-0.5 µg/ml, Human

Subcellular Localization

Cytoplasm . Nucleus . Colocalizes with USP7 in the nucleus. .

Tissue Specificity

Widely expressed throughout the body. .

Protein Name

Ataxin-1

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.

Immunogen

A synthetic peptide corresponding to a sequence at the C-terminus of human Ataxin 1 (778-808aa ESRKLEKSEDEPPLTLPKPSLIPQEVKICIE), different from the related mouse and rat sequences by one amino acid.

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins

Storage

At -20°C for one year. After r°Constitution, at 4°C for one month. It°Can also be aliquotted and stored frozen at -20°C for a longer time.Avoid repeated freezing and thawing.

Sequence Similarities

Belongs to the ATXN1 family.

Anti-Ataxin 1 Picoband Antibody - 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

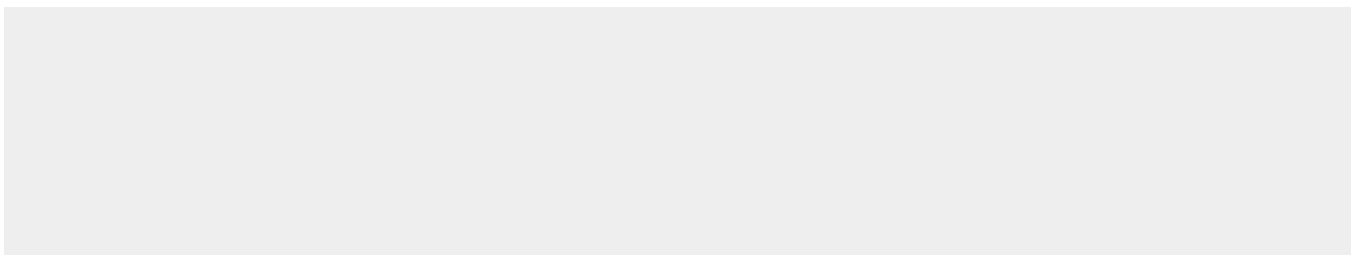
Tissue Location

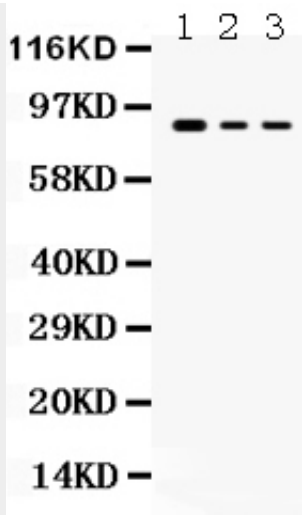
Widely expressed throughout the body.

Anti-Ataxin 1 Picoband Antibody - Protocols

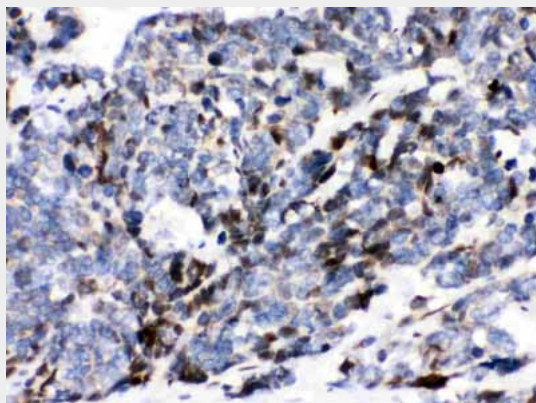
Provided below are standard protocols that you may find useful for product applications.

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

Anti-Ataxin 1 Picoband Antibody - Images



Anti- Ataxin 1 Picoband antibody, ABO12112, Western blotting All lanes: Anti Ataxin 1 (ABO12112) at 0.5ug/ml Lane 1: MCF-7 Whole Cell Lysate at 40ug Lane 2: COLO320 Whole Cell Lysate at 40ug Lane 3: PANC Whole Cell Lysate at 40ug Predicted bind size: 87KD Observed bind size: 87KD



Anti- Ataxin 1 Picoband antibody, ABO12112, IHC(P) IHC(P): Human Lung Cancer Tissue

Anti-Ataxin 1 Picoband Antibody - Background

Ataxin-1 is a protein that in humans is encoded by the ATXN1 gene. The ATXN1 gene had been mapped to 6p23 by in situ hybridization. Ataxin-1 (ATXN1), a causative factor for spinocerebellar ataxia type 1 (SCA1), and the related Brother of ATXN1 (BOAT1) are human proteins involved in transcriptional repression. ATXN1 and BOAT1 might participate in several Notch-controlled developmental and pathological processes.