

Anti-Ataxin 1 (pS775) Antibody

Rabbit polyclonal antibody to Ataxin 1 (pS775) Catalog # AP60430

Specification

Anti-Ataxin 1 (pS775) Antibody - Product Information

Application WB, IF/IC, IHC

Primary Accession P54253
Other Accession P54254

Reactivity Human, Mouse, Rat

Host Rabbit
Clonality Polyclonal
Calculated MW 86923

Anti-Ataxin 1 (pS775) Antibody - Additional Information

Gene ID 6310

Other Names

ATX1; SCA1; Ataxin-1; Spinocerebellar ataxia type 1 protein

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Ataxin 1 (pS775). The exact sequence is proprietary.

Dilution

WB~~WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500) IF/IC~~N/A IHC~~1:100~500

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-Ataxin 1 (pS775) 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

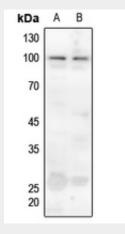
Widely expressed throughout the body.

Anti-Ataxin 1 (pS775) Antibody - Protocols

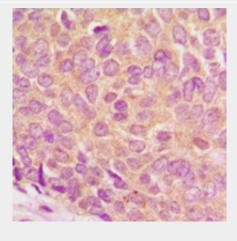
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Anti-Ataxin 1 (pS775) Antibody - Images

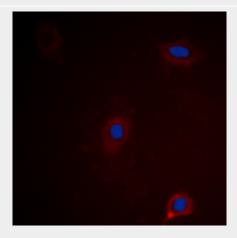


Western blot analysis of Ataxin 1 (pS775) expression in HGC27 (A), mouse lung (B) whole cell lysates.





Immunohistochemical analysis of Ataxin 1 (pS775) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of Ataxin 1 (pS775) staining in HEK293 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Anti-Ataxin 1 (pS775) Antibody - Background

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