

Mouse anti-Human Ataxin-1 Monoclonal Antibody | anti-Ataxin-1 antibody

Ataxin-1 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA319956	Mouse	Human	ELISA, Flow Cytometry, Functional Assay, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

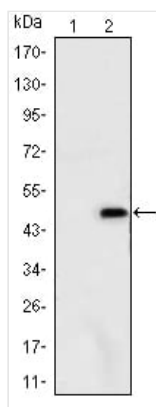
PRODUCT SYNONYMS

Ataxin-1; Monoclonal Antibody; Ataxin-1 Monoclonal Antibody; ATXN1; ATX1; SCA1; Spinocerebellar ataxia type 1 protein; anti-Ataxin-1 antibody

PRODUCT SPECIFICATIONS

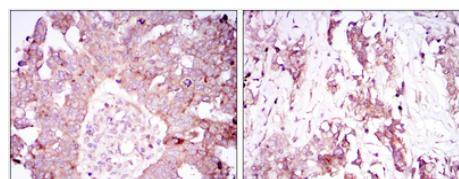
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	Ataxin-1 Monoclonal Antibody detects endogenous levels of Ataxin-1 protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-Ataxin-1 antibody	ELISA, FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human Ataxin-1 expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



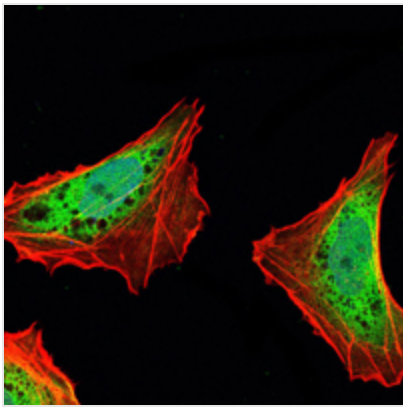
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of Jurkat cells using Ataxin-1 Monoclonal Antibody (green) and negative control (purple).



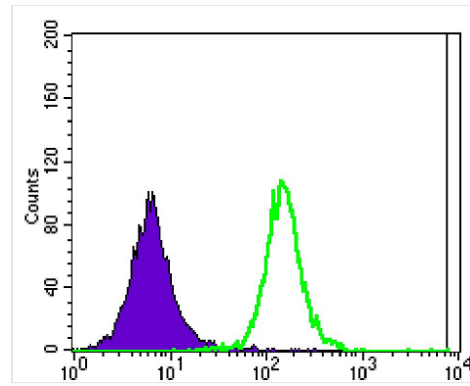
IF (Immunofluorescence)

Immunofluorescence analysis of NTERA-2 cells using Ataxin-1 Monoclonal Antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded ovarian cancer tissues (left) and lung cancer tissues (right) with DAB staining using Ataxin-1 Monoclonal Antibody.



WB (Western Blot)

Western Blot analysis using Ataxin-1 Monoclonal Antibody against HEK293 (1) and ATXN1-hlgGfC transfected HEK293 (2) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-Ataxin-1 antibody

ataxin 1(ATXN1) Homo sapiens The autosomal dominant cerebellar ataxias (ADCA) are a heterogeneous group of neurodegenerative disorders characterized by progressive degeneration of the cerebellum, brain stem and spinal cord. Clinically, ADCA has been divided into three groups; ADCA types I-III. ADCAI is genetically heterogeneous, with five genetic loci, designated spinocerebellar ataxia (SCA) 1, 2, 3, 4 and 6, being assigned to five different chromosomes. ADCAII, which always presents with retinal degeneration (SCA7), and ADCAIII often referred to as the 'pure' cerebellar syndrome (SCA5), are most likely homogeneous disorders. Several SCA genes have been cloned and shown to contain CAG repeats in their coding regions. ADCA is caused by the expansion of the CAG repeats, producing an elongated polyglutamine tract in the corresponding protein. The expanded repeats are variable in size and unstable, usually increasing in size when transmitted

Product Categories/Family for anti-Ataxin-1 antibody

[Primary Antibodies](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	51479158
NCBI GeneID	6310
NCBI Accession #	NP_000323.2
NCBI GenBank Nucleotide #	NM_000332.3
UniProt Accession #	P54253 ; Q17S02 ; Q9UJG2 ; Q9Y4J1
Molecular Weight	86,923 Da
NCBI Official Full Name	ataxin-1
NCBI Official Synonym Full Names	ataxin 1
NCBI Official Symbol	ATXN1
NCBI Official Synonym Symbols	ATX1; SCA1; D6S504E
NCBI Protein Information	ataxin-1; spinocerebellar ataxia type 1 protein
UniProt Protein Name	Ataxin-1
UniProt Gene Name	ATXN1
UniProt Synonym Gene Names	ATX1; SCA1
UniProt Entry Name	ATX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ataxin-1-antibody-flow-cytometry-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/319956>