

anti-Human, Mouse Ataxin 1 Antibody | anti-ATX1 antibody

Ataxin 1 (Phospho-Ser776) Antibody

CATALOG # AAA111520	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence, Western Blot
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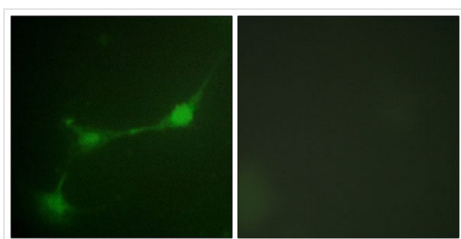
PRODUCT SYNONYMS

Ataxin 1; Ataxin 1 (Phospho-Ser776) Antibody; ATXN1; SCA1; Spinocerebellar ataxia type 1 protein; Spinocerebellar ataxia type 1 protein homolog; anti-ATX1 antibody

PRODUCT SPECIFICATIONS

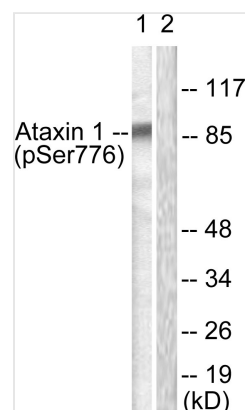
Reactivity	Human, Mouse
Specificity	Ataxin 1 (Phospho-Ser776) antibody detects endogenous levels of Ataxin 1 only when phosphorylated at serine 776.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	815
Applicable Applications for anti-ATX1 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Ataxin 1 around the phosphorylation site of serine 776 (R-W-SP-A-P).
All Sites	Human: Ser776 Mouse: Ser752
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



WB (Western Blot)

P-peptide-+ Western blot analysis of extracts from HepG2 cells, treated with Adriamycin (0.5uM, 5hours), using Ataxin 1 (Phospho-Ser776) antibody. Immunofluorescence analysis of NIH/3T3 cells, using Ataxin 1 (Phospho-Ser776) antibody.



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for anti-ATX1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Banfi S., Nat. Genet. 7:513-519(1994). Mungall A.J., Nature 425:805-811(2003). Quan F., Hum. Mol. Genet. 4:2411-2413(1995).

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 ATXN1
NCBI Official Synonym Full Names	ataxin 1
NCBI Official Symbol	ATXN1
NCBI Official Synonym Symbols	ATX1; SCA1; D6S504E
NCBI Protein Information	ataxin-1
UniProt Protein Name	Ataxin-1
UniProt Gene Name	ATXN1
UniProt Synonym Gene Names	ATX1; SCA1

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/atx1-human-mouse-antibody/ataxin-1/111520>