

Mouse Ataxin-1 Monoclonal Antibody | anti-Atxn1 antibody

Ataxin-1 Monoclonal Antibody

CATALOG # AAA47863	HOST Mouse	APPLICATIONS Immunofluorescence, Immunoblot, Western Blot
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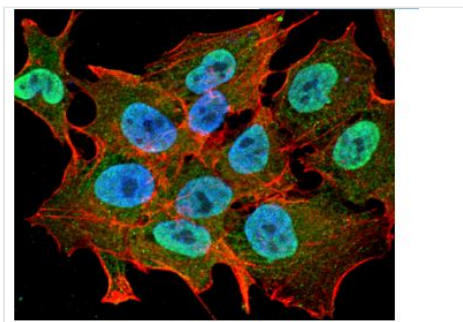
PRODUCT SYNONYMS

Ataxin-1; Monoclonal Antibody; Ataxin-1 Monoclonal Antibody; anti-Atxn1 antibody

PRODUCT SPECIFICATIONS

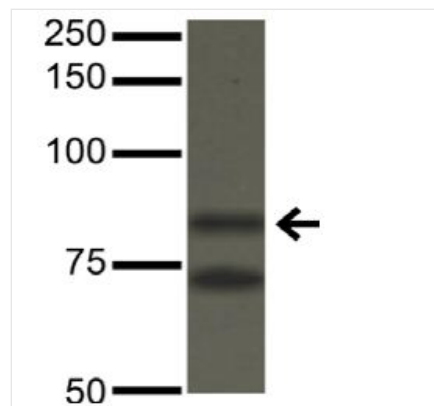
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Specificity	This antibody recognizes human, mouse, and rat Ataxin-1.
Form/Format	100ug (1mg/ml) Protein G-purified antibody in PBS, pH 7.4, 0.1% sodium azide, 50% glycerol.
Sequence Length	791
Applicable Applications for anti-Atxn1 antibody	IF (Immunofluorescence), IB (Immunoblot)
Immunogen	Synthetic peptide corresponding to aa 164-197 (ATTPSQRSQLEAYSTLLANMGSLSQAPGHKVEPP) of mouse Ataxin-1. This sequence is 100% identical to rat and 88% identical to human Ataxin-1.

IMAGES



Application Data

Detection of Ataxin-1 in Neuroblastoma cell line SK-N-BE at 10ug/ml: DAPI (blue) nuclear stain, Texas Red F actin stain, FITC (green) Ataxin-1 stain.



Application Data

Detection of Ataxin-1 in COS-1 cells transfected with Ataxin-1 at 5ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-Atxn1 antibody

Ataxin-1 is a member of the ATXN1 protein family. It is a neurodegenerative disorder protein that is believed to play a role in metabolism of RNA. A mutation of Ataxin-1 causes spinocerebellar ataxia type-1 (SCA1), a progressive neurodegenerative disease that primarily affects Purkinje cells in the brain stem and cerebellum. Ataxin-1 is ubiquitously expressed except in brain where it is limited to populations of neurons.

NCBI AND UNIPROT INFORMATION

NCBI GI #	334358889
NCBI GeneID	20238
NCBI Accession #	NP_001186233.1
NCBI GenBank Nucleotide #	NM_001199304.1
UniProt Accession #	P54254; Q8C866
Molecular Weight	83,793 Da
NCBI Official Full Name	ataxin-1 isoform b
NCBI Official Synonym Full Names	ataxin 1
NCBI Official Symbol	Atxn1
NCBI Official Synonym Symbols	Atx1; Sca1; C85907; Gm10786; 2900016G23Rik
NCBI Protein Information	ataxin-1
UniProt Protein Name	Ataxin-1
UniProt Gene Name	Atxn1
UniProt Synonym Gene Names	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/monoclonal/ataxin-1-antibody-immunofluorescence-immunoblot-elisa/47863>