

Rabbit ATXN3 Polyclonal Antibody | anti-ATXN3 antibody

ATXN3 antibody - N-terminal region

CATALOG # AAA200093	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

ATXN3; Polyclonal Antibody; ATXN3 antibody - N-terminal region; anti-ATXN3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: SI AHQLDEEERM RMAEGGVTS E DYRTFLQQPS GNMDDSGFFS IQVISNAL
Sequence Length	361
Applicable Applications for anti-ATXN3 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%; Sheep: 100%; Zebrafish: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ATXN3
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-ATXN3 Antibody Titration: 0.2-1 ug/ml Positive Control: 293T cell lysate



WB (Western Blot)

Lanes: Lane 1: 2ug hATX3 (isoform2); Josephin domain(1-182) Lane 2: 2ug hATX3 (isoform2); C-terminal truncated Atx3 (1-264) Lane 3: 2ug hATX3 (isoform2) Lane 4: 2ug other protein

Primary Antibody Dilution: 1:10,000 Secondary Antibody: Anti-rabbit HRP Secondary Antibody Dilution: 1:20,000 Gene Name: ATXN3 Submitted by: Dr. Maria Macedo, Instituto de Biologia Molecular e Celular

ADDITIONAL INFORMATION

Related Product Information for anti-ATXN3 antibody	This is a rabbit polyclonal antibody against ATXN3. It was validated on Western Blot Target Description: Machado-Joseph disease, also known as spinocerebellar ataxia-3, is an autosomal dominant neurologic disorder. The protein encoded by this gene contains (CAG)<i>n</i> repeats in the coding region, and the expansion of these repeats from the normal 13-36 to 68-79 is one cause of Machado-Joseph disease. There is a negative correlation between the age of onset and CAG repeat numbers. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.
Product Categories/Family for anti-ATXN3 antibody	Polyclonal ; Transcription Factor ; Transcription Regulation ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	13518019
NCBI GeneID	4287
NCBI Accession #	NP_004984
NCBI GenBank Nucleotide #	NM_004993
UniProt Accession #	P54252
Molecular Weight	41kDa
NCBI Official Full Name	ataxin-3 reference isoform
NCBI Official Synonym Full Names	ataxin 3
NCBI Official Symbol	ATXN3
NCBI Official Synonym Symbols	AT3; JOS; MJD; ATX3; MJD1; SCA3
NCBI Protein Information	ataxin-3
UniProt Protein Name	Ataxin-3
UniProt Gene Name	ATXN3
UniProt Synonym Gene Names	ATX3; MJD; MJD1; SCA3
UniProt Entry Name	ATX3_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/polyclonal/atxn3-antibody-western-blot-elisa/200093>