

Rabbit anti-Human ATXN3 Polyclonal Antibody | anti-ATXN3 antibody

ATXN3 Antibody (Center)

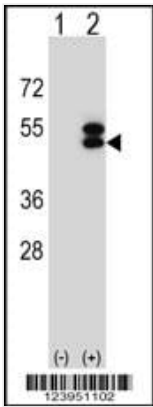
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290171	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

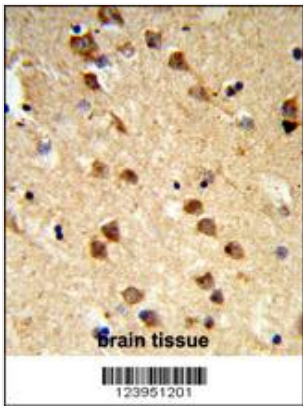
ATXN3; Polyclonal Antibody; ATXN3 Antibody (Center); Ataxin-3; Machado-Joseph disease protein 1; Spinocerebellar ataxia type 3 protein; ATX3; MJD; MJD1; SCA3; anti-ATXN3 antibody

PRODUCT SPECIFICATIONS

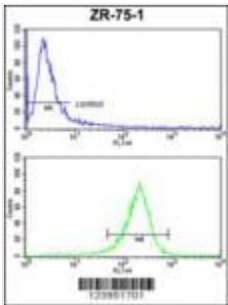
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ATXN3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 261-288 amino acids from the Central region of human ATXN3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	261-288
Sequence Length	182
Applicable Applications for anti-ATXN3 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



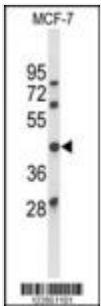
WB (Western Blot)
Western blot analysis of ATXN3 (arrow) using rabbit polyclonal ATXN3 Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the ATXN3 gene.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with ATXN3 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



FCM/FACS (Flow Cytometry)
ATXN3 Antibody (Center) FC analysis of ZR-75-1 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of ATXN3 Antibody (Center) in MCF-7 cell line lysates (35ug/lane). ATXN3 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ATXN3 antibody	ATXN3 was known as spinocerebellar ataxia-3, is an autosomal dominant neurologic disorder. The protein 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.
Product Categories/Family for anti-ATXN3 antibody	Neuroscience
References	Reina,C.P., et.al, Hum. Mol. Genet. 19 (2), 235-249 (2010) Jung,J., et.al, Hum. Mol. Genet. 18 (24), 4843-4852 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	189163493
NCBI GeneID	4287
NCBI Accession #	NP_001121168.1; NP_001158252.1; NP_004984.2; NP_109376.1
NCBI GenBank Nucleotide #	NM_001127696.1
UniProt Accession #	P54252; O15284; O15285; O15286; Q8N189; Q96TC3; Q96TC4; Q9H3N0; A7LFZ5; D6RDL9; E9PB63

Molecular Weight	41781
NCBI Official Full Name	ataxin-3 isoform ad
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-flow-cytometry-immunohistochemistry-western-blot-elisa/290171>