

Rabbit anti-Human Ataxin3 (MJD) Polyclonal Antibody | anti-ATXN3 antibody

Ataxin3 (MJD) Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285864	Rabbit	Human	Immunohistochemistry, ELISA

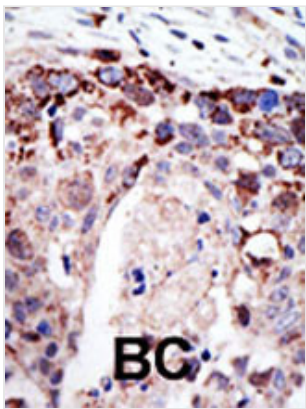
PRODUCT SYNONYMS

Ataxin3 (MJD); Polyclonal Antibody; Ataxin3 (MJD) Antibody (N-term); Ataxin-3; Machado-Joseph disease protein 1; Spinocerebellar ataxia type 3 protein; ATXN3; ATX3; MJD; MJD1; SCA3; anti-ATXN3 antibody

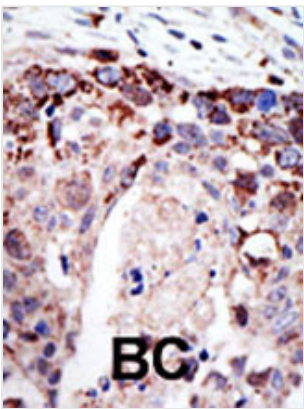
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Ataxin3 (MJD) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 29-59 amino acids from the N-terminal region of human Ataxin3 (MJD).
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 1.14 (varies by lot)
Sequence Positions	29-59
Sequence Length	346
Applicable Applications for anti-ATXN3 antibody	IHC (Immunohistochemistry), ELISA
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.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



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ADDITIONAL INFORMATION

Related Product Information for anti-ATXN3 antibody	Machado-Joseph disease is an autosomal dominant neurologic disorder, and is now known to be the same as previously described spinocerebellar ataxia-3. MJD protein (Ataxin-3) 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 the cause of Machado-Joseph disease. There is a negative correlation between the age of onset and CAG repeat numbers. This protein interacts with key regulators (CBP, p300 and PCAF) of transcription and represses transcription, and also acts as a histone-binding protein that regulates transcription. MJD is a deubiquitinating enzyme.
Product Categories/Family for anti-ATXN3 antibody	Neuroscience
References	Albrecht, M., et al., Eur. J. Biochem. 271(15):3155-3170 (2004). Michlewski, G., et al., J. Mol. Biol. 340(4):665-679 (2004). Li, Y., et al., Ann. Neurol. 56(1):124-129 (2004). Beuckmann, C.T., et al., J. Neurosci. 24(18):4469-4477 (2004). Berke, S.J., et al., J. Neurochem. 89(4):908-918 (2004).

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/ataxin3-mjd-antibody-immunohistochemistry-elisa/285864>