

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

ATXN3 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280975	Rabbit	Human, Mouse	Immunofluorescence, Western Blot

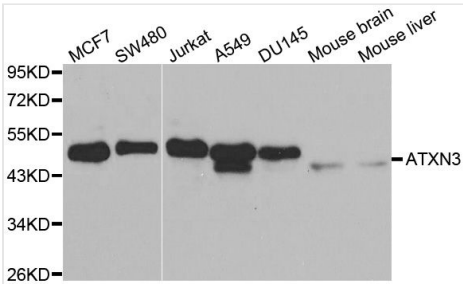
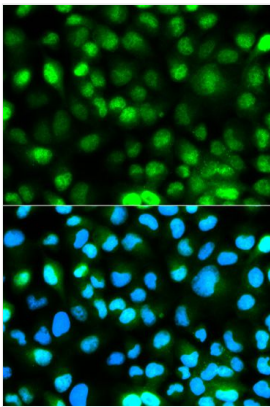
PRODUCT SYNONYMS

ATXN3; Polyclonal Antibody; ATXN3 Polyclonal Antibody; AT3; ATX3; JOS; MJD; MJD1; SCA3; anti-ATXN3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	MESIFHEKQE GSLCAQHCLN NLLQGEYFSP VELSSIAHQL DEEERMMAE GGVTSSEDYRT FLQQPSGNMD DSGFFSIQVI SNALKVWGLE LILFNSPEYQ RLRIDPINER SFICNYKEHW FTVRKLKGQW FNLNSLLTGP ELISDTYLAL FLAQLQQEGY SIFVVKGDLP DCEADQLLQM IRVQQMHRPK LIGEELAQLK EQRVHKTDLE RVLEANDGSG MLDEDEEDLQ RALALSRQEI DMEDEEADLR RAIQL
Sequence Length	346
Applicable Applications for anti-ATXN3 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human ATXN3
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Nucleus matrix
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using ATXN3 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells using ATXN3 antibody. Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-ATXN3 antibody	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 12-44 to 52-86 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 Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	189163493
NCBI GeneID	4287
NCBI Accession #	NP_001121168.1
NCBI GenBank Nucleotide #	NM_001127696.1
UniProt Accession #	P54252; O15284; O15285; O15286; Q8N189; Q96TC3; Q96TC4; Q9H3N0; A7LFZ5; D6RDL9; E9PB63
Molecular Weight	Calculated: 20kDa; 35kDa; 39kDa; 41kDa Observed: 50kDa
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

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.

