

Goat ATXN3 Polyclonal Antibody | anti-ATXN3 antibody

ATXN3 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA63143	Goat	Human, Rat, Mouse, Canine, Monkey proteins	Western Blot

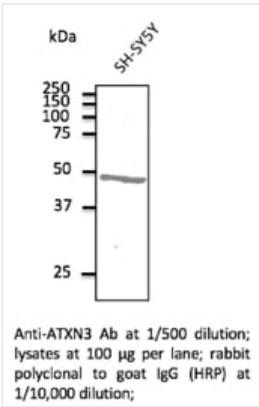
PRODUCT SYNONYMS

ATXN3; Polyclonal Antibody; ATXN3 Polyclonal Antibody; Ataxin 3; Anti-ATXN3; AT3; ATX3; ataxin-3; ataxin 3 variant h; autosomal dominant ataxin 3; ataxin 3 variant m; ataxin 3 variant ref; JOS; josephin; Machado-Joseph; Machado-Joseph disease protein 1; MJD; MJD1; SCA3; spinocerebellar ataxia 3; olivopontocerebellar ataxia 3; spinocerebellar ataxia type 3 protein antibody; anti-ATXN3 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human, Rat, Mouse, Canine, Monkey proteins
Clonality	Polyclonal
Isotype	IgG
Specificity	Detects levels of ATXN3 protein in transfected cells with GFP-ATXN3 and endogenous levels in U118, SH-SY5Y, At-T20 and hTERT cell lysates by Western blot.
Purity/Purification	Epitope Affinity Purified
Form/Format	Supplied as a 200 ul (3 mg/ml) aliquot in PBS. It does not contain preservatives. Glycerol and azide FREE.
Sequence Length	346
Applicable Applications for anti-ATXN3 antibody	WB (Western Blot)
Immunogen	Purified recombinant peptide derived from within residues 120 aa to 250 aa of human ATXN3 produced in E Coli.
Conjugation	Unconjugated
Note	Azide Free
Preparation and Storage	Store at -20 C for long term storage. Store at 2-8 C for up to one month. The antibody solution should be gently mixed before use. Avoid freeze/thaw cycles.

IMAGES



Reactivity Data

Reactivity chart				
Sample	Western Blot	Immunofluorescence	Immunohistochemistry (p)	Immunohistochemistry (f)
human	+++	ND	ND	ND
rat	+++	ND	ND	ND
mouse	+++	ND	ND	ND
canine	+++	ND	ND	ND
monkey	+++	ND	ND	ND

WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-ATXN3 antibody	Goat polyclonal antibody to ATXN3. This protein appears to be a component of the ubiquitin proteasome system and has deubiquitinase activity. It may also have roles in neuroprotection, protein homeostasis maintenance, transcriptional and cytoskeleton regulation, myogenesis and degradation of misfolded chaperone substrates. The protein contains Qn 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 also known as spinocerebellar ataxia-3, an autosomal dominant neurologic disorder.
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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	20,633 Da
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.