

## Product datasheet for **TA339685**

### Ataxin 3 (ATXN3) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-ATXN3 antibody: synthetic peptide directed towards the N terminal of human ATXN3. Synthetic peptide located within the following region: SIAHQLDEEERMMAEGGVTSYDYRTFLQQPSGNMDDSGFFSIQVISNAL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	41 kDa
Gene Name:	ataxin 3
Database Link:	<a href="#">NP_004984</a> <a href="#">Entrez Gene 4287 Human</a> <a href="#">P54252</a>



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**Background:**

Machado-Joseph disease, also known as spinocerebellar ataxia-3, is an autosomal dominant neurologic disorder. The protein encoded by this gene contains (CAG)*n* 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.

**Synonyms:**

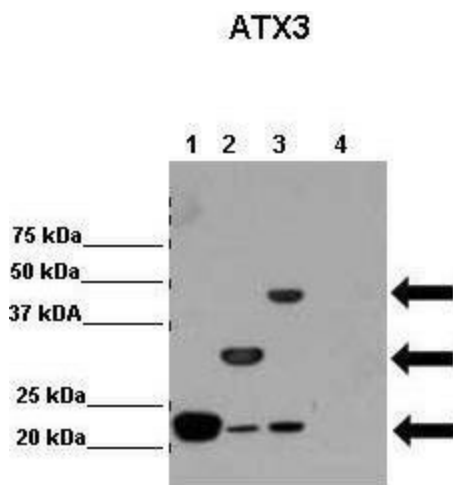
AT3; ATX3; JOS; MJD; MJD1; SCA3

**Note:**

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Sheep: 100%; Bovine: 100%; Guinea pig: 100%; Rabbit: 93%; Zebrafish: 92%

**Protein Families:**

Druggable Genome, Transcription Factors

**Product images:**


Lanes: Lane 1: 2 ug hATX3 (isoform2); Josephin domain (1-182); Lane 2: 2 ug 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



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