

# Ataxin-3 (ATXN3) Rabbit mAb

Catalog No.: A22094 **Recombinant** **1 Publications**

## Basic Information

### Observed MW

42kDa

### Calculated MW

41kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Mouse, Rat

### CloneNo number

ARC54882

## 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 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.

## Recommended Dilutions

**WB** 1:1000 - 1:5000

## Immunogen Information

### Gene ID

4287

### Swiss Prot

P54252

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 190-361 of human Ataxin-3 (ATXN3) (NP\_004984.2).

### Synonyms

AT3; JOS; MJD; ATX3; MJD1; SCA3; Ataxin-3 (ATXN3)

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

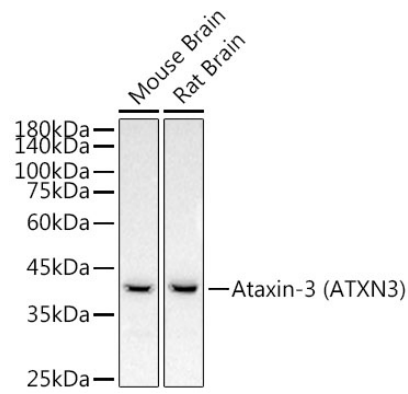
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of extracts from various lysates, using Ataxin-3 (ATXN3) antibody (A22094) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.