

# Anti-Human Ataxin-3 [4B8]

**Catalogue number:** 156506

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:** Patrick Loll

**Institute:** Drexel University

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-Human Ataxin-3 [4B8]

**Alternate name:** Machado-Joseph Disease (MJD) Protein 1; Spinocerebellar Ataxia Type 3

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** Ataxin-3 is a deubiquitinating enzyme involved in the clearance of misfolded proteins. The enzyme functions in proteasome degradation and autophagy. Mutated forms of Ataxin-3 can lead to misfolded protein aggregation which cause the neurodegenerative disorder spinocerebellar ataxia type-3 (SCA3), also known as Machado-Joseph disease.

**Purpose:** Marker

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:**

**Reactivity:** Human

**Selectivity:**

**Host:** Mouse

**Immunogen:** Recombinant Human Ataxin-3

**Immunogen UNIPROT ID:** ATX3\_HUMAN

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:** IgG1 kappa

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Ataxin-3

**Target alternate names:**

**Target background:** Ataxin-3 is a deubiquitinating enzyme involved in the clearance of misfolded proteins. The enzyme functions in proteasome degradation and autophagy. Mutated forms of Ataxin-3 can lead to misfolded protein aggregation which cause the neurodegenerative disorder spinocerebellar ataxia type-3 (SCA3), also known as Machado-Joseph disease.

**Molecular weight:** 42 kDa

**Ic50:**

## Applications

**Application:** ELISA ; IP

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:** 0.9-1.1 mg/ml

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:** PBS with 0.02% azide

**Storage conditions:** -15° C to -25° C

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

# References

References:

CancerTools.org