

Datasheet for ABIN357621
anti-Ataxin 3 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	Ataxin 3 (ATXN3)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ataxin 3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human MJD.
Isotype:	Ig Fraction
Specificity:	This antibody is specific to Ataxin-3 (N-term).
Purification:	Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Target Details

Target:	Ataxin 3 (ATXN3)
Alternative Name:	Ataxin-3 (ATXN3 Products)

Target Details

Background: Machado-Joseph disease is an autosomal dominant neurologic disorder, and is now known to be the same as previously described spinocerebellar ataxia-3. MJD protein (Ataxin-3) contains (CAG)_n repeats in the coding region, and the expansion of these repeats from the normal 13-36 to 68-79 is the cause of Machado-Joseph disease. There is a negative correlation between the age of onset and CAG repeat numbers. This protein interacts with key regulators (CBP, p300 and PCAF) of transcription and represses transcription, and also acts as a histone-binding protein that regulates transcription. MJD is a deubiquitinating enzyme. Synonyms: ATX3, ATXN3, MJD, MJD1, Machado-Joseph disease protein 1, SCA3, Spinocerebellar ataxia type 3 protein

Molecular Weight: 43450 Da

Gene ID: 4287, 9606

UniProt: [P54252](#)

Application Details

Application Notes: ELISA: 1/1,000. Western Blot: 1/100-1/500. Immunohistochemistry: 1/50-1/100.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) Sodium Azide as preservative.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

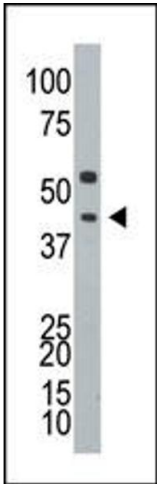


Image 1.

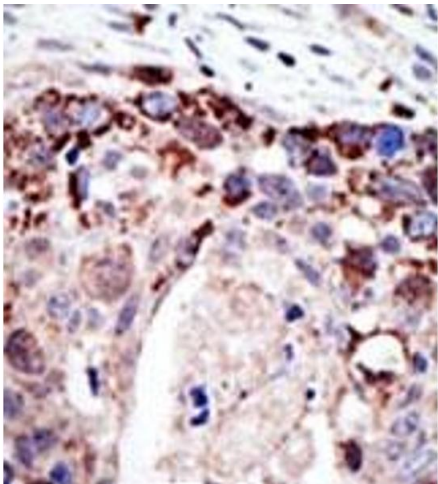


Image 2.