



[Go to Product page](#)

Datasheet for ABIN950546
anti-Ataxin 3 antibody (Middle Region)

4 Images

Overview

Quantity:	0.4 mL
Target:	Ataxin 3 (ATXN3)
Binding Specificity:	AA 267-297, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ataxin 3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 267~297 amino acids from the Center region of human ATXN3
Isotype:	Ig Fraction
Specificity:	This antibody reacts to Ataxin-3.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	Ataxin 3 (ATXN3)
---------	------------------

Target Details

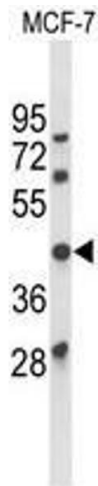
Alternative Name:	Ataxin-3 (ATXN3 Products)
Background:	ATXN3 was known as spinocerebellar ataxia-3, is an autosomal dominant neurologic disorder. The protein contains (CAG) _n repeats in the coding region, and the expansion of these repeats from the normal 13-36 to 68-79 is one cause of Machado-Joseph disease. There is a negative correlation between the age of onset and CAG repeat numbers. Synonyms: ATX3, ATXN3, MJD, MJD1, Machado-Joseph disease protein 1, SCA3, Spinocerebellar ataxia type 3 protein
Gene ID:	4287
NCBI Accession:	NP_001121168

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

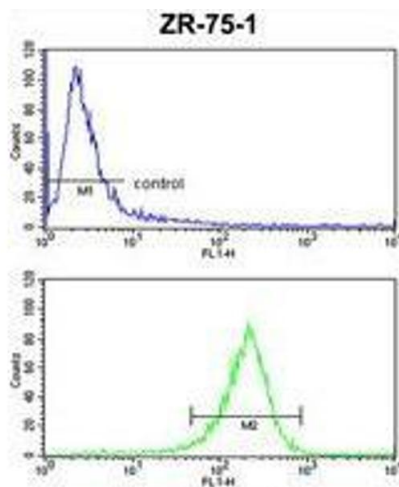
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 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.



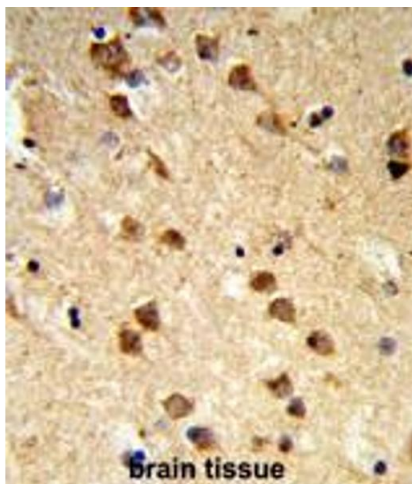
Western Blotting

Image 1. Western blot analysis of ATXN3 Antibody (Center) in MCF-7 cell line lysates (35µg/lane). ATXN3 (arrow) was detected using the purified Pab.



Flow Cytometry

Image 2. ATXN3 Antibody (Center) FC analysis of ZR-75-1 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human brain tissue reacted with ATXN3 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN950546.