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Datasheet for ABIN1414516

# anti-ATXN3L antibody (AA 251-355) (Cy3)



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Quantity:	100 μL
Target:	ATXN3L
Binding Specificity:	AA 251-355
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATXN3L antibody is conjugated to Cy3
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Western Blotting (WB)

#### **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human ATXN3L	
Isotype:	IgG	
Cross-Reactivity:	Human	
Purification:	Purified by Protein A.	

## **Target Details**

Target:	ATXN3L
Alternative Name:	ATXN3L (ATXN3L Products)
Background: Synonyms: ATX3L_HUMAN, ATXN3L, Machado-Joseph disease protein 1-like, MJDL, Puta	

ataxin-3-like protein.

Background: Defects in ATXN3 are the cause of spinocerebellar ataxia type 3 (SCA3), also known as Machado-Joseph disease (MJD). Spinocerebellar ataxia is a clinically and genetically heterogeneous group of cerebellar disorders. Patients show progressive incoordination of gait and often poor coordination of hands, speech and eye movements, due to degeneration of the cerebellum with variable involvement of the brainstem and spinal cord. SCA3 belongs to the autosomal dominant cerebellar ataxias type I (ADCA I) which are characterized by cerebellar ataxia in combination with additional clinical features like optic atrophy, ophthalmoplegia, bulbar and extrapyramidal signs, peripheral neuropathy and dementia. The molecular defect in SCA3 is the a CAG repeat expansion in ATXN3 coding region. Longer expansions result in earlier onset and more severe clinical manifestations of the disease.

Gene ID:

92552

## **Application Details**

Application Notes: IF(IHC-P) 1:50-200

IF(IHC-F) 1:50-200

IF(ICC) 1:50-200

Restrictions: For Research Use only

#### Handling

Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.	
Expiry Date:	12 months	