

Datasheet for ABIN2170415

anti-ATXN3L antibody (PE)

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Overview

Quantity:	100 µL
Target:	ATXN3L
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATXN3L antibody is conjugated to PE
Application:	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:	<p>Synonyms: ATX3L_HUMAN, ATXN3L, Machado-Joseph disease protein 1-like, MJD1, Putative ataxin-3-like protein.</p> <p>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</p>

Target Details

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: FCM: (1:20-100)
Optimal working dilution should be determined by the investigator.

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: Sodium azide

Precaution of Use: This product contains Sodium azide: 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.