

Datasheet for ABIN7595598

anti-Ataxin 1 antibody (AA 746-761) (FL550)



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Overview

Quantity:	200 µL
Target:	Ataxin 1 (ATXN1)
Binding Specificity:	AA 746-761
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Ataxin 1 antibody is conjugated to FL550
Application:	Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-Ataxin-1, WT Antibody FL550 Conjugate
Immunogen:	Synthetic peptide amino acids 746-761 (RKRRRWSAPETRKLEK) of mouse ataxin-1 (accession number P54254)
Clone:	N65-37
Isotype:	IgG1
Specificity:	Minimal off target reactivity for S751A mutant of Ataxin-1 by ELISA and immunofluorescence and negative by immunoblot (right)
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Description: Our Anti-Ataxin-1, WT mouse monoclonal primary antibody is produced in-house from hybridoma clone N65/37. It detects human, mouse, and rat Ataxin-1, WT, and is purified

Product Details

	by Protein A chromatography. It is great for use in ICC. Manufacturer Comment: We produce our Ataxin-1, WT mouse monoclonal primary antibody from hybridoma clone N65/37. It is great in ICC and is purified by Protein A chromatography.
Purification:	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb.
Purity:	> 90 % specific antibody

Target Details

Target:	Ataxin 1 (ATXN1)
Alternative Name:	Ataxin-1 (ATXN1 Products)
Background:	Synonyms: Ataxin-1 (Spinocerebellar ataxia type 1 protein homolog) Target Description: Ataxin1, also known as spinocerebellar ataxia type 1 protein homolog, is a highly conserved DNA-binding protein. Ataxin1 is expressed in brain and can be found at high levels in the cortex and the hypothalamus in neurons. It is also expressed in other tissues. Within the cell, it is highly expressed in the nucleus, and can also be found in the cytoplasm. Mutations in the ataxin-1 gene cause spinocerebellar ataxia type 1. Gene Name Alternatives: Atxn1 Sca1
Molecular Weight:	85 kDa
Pathways:	Synaptic Membrane

Application Details

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

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS with 0.09 % azide
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

Storage: 4 °C, -20 °C

Storage Comment: Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.

Expiry Date: 12 months