Datasheet for ABIN1304551

anti-Ataxin 1 antibody (AA 746-761)

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Overview

Quantity:	100 µL
Target:	Ataxin 1 (ATXN1)
Binding Specificity:	AA 746-761
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Ataxin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC)

Product Details

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 by Protein A chromatography. It is great for use in ICC, WB. Manufacturer Comment: We produce our Ataxin-1, WT mouse monoclonal primary antibody

Product Details

	from hybridoma clone N65/37. It is great in ICC, WB and is purified by Protein A chromatography.
Purification:	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography.
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
UniProt:	P54254
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:	1 mg/mL
Buffer:	10 mM Tris, 50 mM Sodium Chloride, 0.065 % Sodium Azide pH 7.4
Storage:	4 °C,-20 °C
Storage Comment:	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For

Handling

	maximum recovery of product, centrifuge the vial prior to removing the cap.
Expiry Date:	24 months