

## Product Datasheet

## Anti-Ataxin-1, WT Antibody FL490 Conjugate



## Overview

<b>Catalog #</b>	75-102-FL490
<b>Conjugate</b>	FL490 Ex: 491 nm, Em: 515 nm
<b>Isotype</b>	IgG1
<b>Clone Number</b>	N65/37
<b>Size</b>	200 $\mu$ L
<b>Concentration</b>	0.5 mg/mL
<b>Host Species</b>	Mouse Monoclonal
<b>Format</b>	Purified by Protein A chromatography
<b>Buffer</b>	PBS with 0.09% azide
<b>Applications</b>	ICC
<b>Species Reactivity</b>	Human, Mouse, and Rat
<b>Immunogen</b>	Synthetic peptide amino acids 746-761 (RKRRRWSAPETRKLEK) of mouse ataxin-1 (accession number P54254)
<b>Molecular Weight</b>	85 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-102-FL490, RRID: AB_2939380

## Details

<b>Target Description</b>	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.
<b>Specificity</b>	Minimal cross-reactivity against S751A mutant of Ataxin-1 by ELISA and immunofluorescence and negative by immunoblot (right)
<b>Purification Method</b>	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb. Purified mAbs are >90% specific antibody.
<b>Quality Control Tests</b>	Each new lot of antibody is quality control tested on cells overexpressing target protein and confirmed to give the expected staining pattern.

**Storage**

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

**Our Guarantee**

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