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Datasheet for 200-365-W87

Ataxin 1 Antibody PerCP

Overview

Description:	Anti-Ataxin 1 (MOUSE) Monoclonal Antibody PerCP Conjugated - 200-365-W87
Item No.:	200-365-W87
Size:	100 µg
Applications:	IHC, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Mouse

Product Details

Background:	Ataxin-1 is a member of the ATXN1 protein family and contains a single AXH domain. It is a neurodegenerative disorder protein thought to have a role in the metabolism of RNA as it has been shown to localize to the RNA and transcription dependent inclusions within the nucleus. A mutation of Ataxin-1 is the cause of spinocerebellar ataxia type-1 (SCA1), a progressive, neurodegenerative disease that is autosomal dominant and primarily affects the Purjinke cells found in brain stem neuronal populations and the cerebellum. Expression of Ataxin-1 is almost ubiquitous, except in the brain where it is isolated to populations of neurons. Anti-Ataxin-1 is ideal for research in Neuroscience.
Synonyms:	Ataxin-1, ATX1, Atxn1, D6S504E, OTTHUMP00000016065, SCA1, Spinocerebellar ataxia type 1 protein, Spinocerebellar ataxia type 1 protein homolog
Host Species:	Mouse
Conjugate:	PerCP
Clonality:	Monoclonal
Clone ID:	S65-37
Format:	IgG1

Target Details

Gene Name:	Ataxin-1
Reactivity:	Human, Mouse, Rat

Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-Ataxin 1 Antibody was produced by repeated immunization of mice with a synthetic peptide containing amino acids 746-761 of mouse ataxin-1.
Purity/Specificity:	Anti-Ataxin 1 Antibody was purified from concentrated tissue culture supernate by Protein G chromatography. BLAST analysis suggests that it is 93% identical to rat and 87% identical to human.
Relevant Links:	• UniProtKB - P54254 • GeneID - 20238 • NCBI - NP_001186233

Application Details

Tested Applications:	IHC, WB
Application Note:	Anti-Ataxin 1 PerCP Conjugated Antibody is suitable for Western Blots and Immunocytochemistry. Expect a band approximately ~85kDa on specific lysates or tissues. No cross reactivity against phosphor S751-Ataxin-1. Minimal cross reactivity against S751A mutant of Ataxin-1 by ELISA and immunofluorescence and negative by immunoblot. Specific conditions for reactivity should be optimized by the end user.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000
WB:	1:1000

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1mg/mL by UV absorbance at 280 nm

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Conjugated antibodies should be stored according to the product label. Product stored in 95.64mM Phosphate, 2.48mM MES and 2mM EDTA.
Expiration:	Expiration date is one (1) year from date of receipt.

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