

For Research Use Only

# ATXN1 Polyclonal antibody

Catalog Number: 27265-1-AP



## Basic Information

<b>Catalog Number:</b> 27265-1-AP	<b>GenBank Accession Number:</b> NM_000332	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6310	<b>Recommended Dilutions:</b> WB: 1:500-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P54253	
<b>Isotype:</b> IgG	<b>Full Name:</b> ataxin 1	
<b>Immunogen Catalog Number:</b> AG26099	<b>Calculated MW:</b> 87 kDa	
	<b>Observed MW:</b> 100 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse brain tissue, rat brain tissue
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

Ataxin-1 (ATXN1) is a protein involved in transcriptional regulation and RNA binding. It is a transcriptional repressor that interacts with multiple transcription factors and is associated with large protein complexes. ATXN1 is also involved in the regulation of alternative splicing, as demonstrated by its ability to regulate the splicing of several minigenes. The protein is crucial for normal cerebellar function and is implicated in the pathogenesis of spinocerebellar ataxia type 1 (SCA1), a neurodegenerative disorder caused by the expansion of a polyglutamine tract in ATXN1 (PMID: 21475249; 20628574).

## Storage

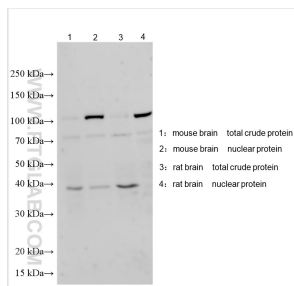
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27265-1-AP (ATXN1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.