

For Research Use Only

Ataxin-1 Polyclonal antibody, PBS Only

Catalog Number: 27265-1-PBS



Basic Information

Catalog Number: 27265-1-PBS	GenBank Accession Number: NM_000332	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6310	
Source: Rabbit	UNIPROT ID: P54253	
Isotype: IgG	Full Name: ataxin 1	
Immunogen Catalog Number: AG26099	Calculated MW: 87 kDa	
	Observed MW: 100 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
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 -80°C.

Storage Buffer:
PBS only, pH7.3

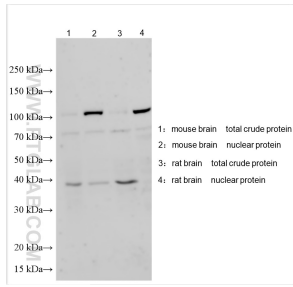
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27265-1-AP (Ataxin-1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 27265-1-PBS in a different storage buffer formulation.