

For Research Use Only

ATXN10 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 88414-1-PBS



Basic Information

Catalog Number:	88414-1-PBS	GenBank Accession Number:	BC007508	Purification Method:	Protein A purification
Source:	Rabbit	GeneID (NCBI):	25814	CloneNo.:	260934C7
Isotype:	IgG	UNIPROT ID:	Q9UBB4		
Immunogen Catalog Number:	AG8259	Full Name:	ataxin 10		
		Calculated MW:	53 kDa		
		Observed MW:	45-50 kDa		

Applications

Tested Applications:
WB, Cytometric bead array, Sandwich ELISA, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

ATXN10, also named as SCA10, is a 475 amino acid protein, which belongs to the ataxin-10 family. ATXN10 is expressed in the central nervous system. ATXN10 is necessary for the survival of cerebellar neurons. ATXN10 may play a role in the maintenance of a critical intracellular glycosylation level and homeostasis.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

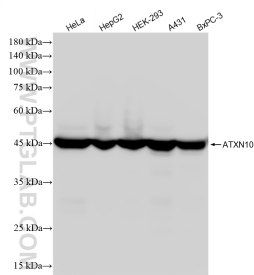
T: 4006900926

E: Proteintech-CN@ptglab.com

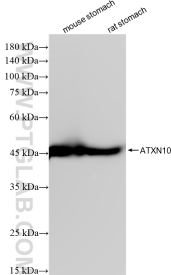
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

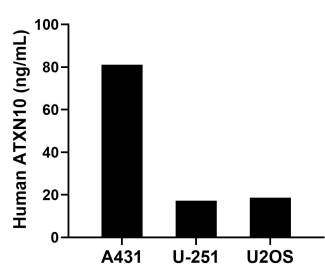
Selected Validation Data



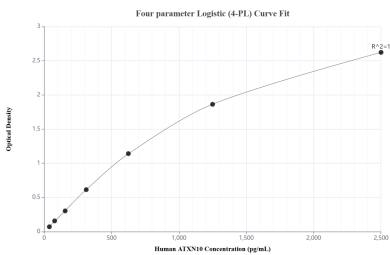
Various lysates were subjected to SDS PAGE followed by western blot with 88414-1-RR (ATXN10 antibody) at dilution of 1:40000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88414-1-PBS in a different storage buffer formulation.



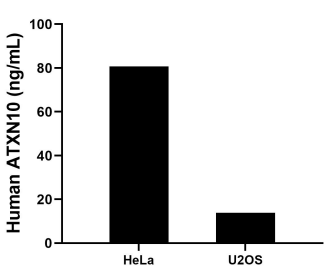
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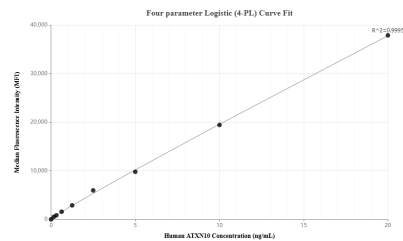
The mean ATXN10 concentration was determined to be 81.1 ng/mL in A431 cell extract based on a 1.2 mg/mL extract load, 17.3 ng/mL in U-251 cell extract based on a 1.5 mg/mL extract load and 18.6 ng/mL in U2OS cell extract based on a 1.2 mg/mL extract load.



Sandwich ELISA standard curve of MP03536-2, Human ATXN10 Recombinant Matched Antibody Pair - PBS only. 88414-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag8259. 88414-3-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



The mean ATXN10 concentration was determined to be 80.7 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load, 13.9 ng/mL in U2OS cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP03536-1, ATXN10 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88414-1-PBS. Detection antibody: 88414-2-PBS. Standard: Ag8259. Range: 0.156-20 ng/mL