

For Research Use Only

# ATXN2L Recombinant monoclonal antibody

Catalog Number: 86613-3-RR



## Basic Information

<b>Catalog Number:</b> 86613-3-RR	<b>GenBank Accession Number:</b> BC082760	<b>Purification Method:</b> Protein A purification
<b>Concentration:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 11273	<b>CloneNo.:</b> 251578A9
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8WWM7	<b>Recommended Dilutions:</b> WB: 1:5000-1:50000 IF/ICC: 1:250-1:1000
<b>Isotype:</b> IgG	<b>Full Name:</b> ataxin 2-like	
<b>Immunogen Catalog Number:</b> AG20581	<b>Calculated MW:</b> 1062 aa, 112 kDa	
	<b>Observed MW:</b> 150 kDa	

## Applications

**Tested Applications:**  
WB, IF/ICC, ELISA

**Species Specificity:**  
human

**Positive Controls:**

**WB :** HeLa cells, MKN-45 cells, HEK-293T cells, A549 cells, Jurkat cells

**IF/ICC :** Jurkat cells,

## Background Information

ATXN2L is a paralog of Ataxin-2 (ATXN2) but without abnormal polyQ expanded track, which is conserved in most of the ATXNs and drives the pathogenesis of neurodegeneration. It was reported that ATXN2L was widely expressed in immortalized cell lines, and ATXN2L-JAK2 fusion was found in CD4-positive T-cell lymphoma.

## 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**

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

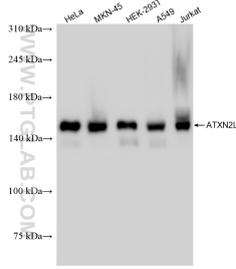
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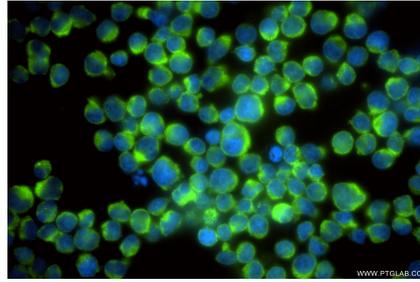
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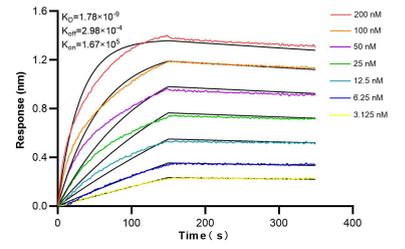
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86613-3-RR (ATXN2L antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using ATXN2L antibody (86613-3-RR, Clone: 251578A9) at dilution of 1:500 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 86613-3-RR against Human ATXN2L were performed. The affinity constant is 1.78 nM.