For Research Use Only

ATXN2L Recombinant monoclonal antibody

Catalog Number:86613-3-RR

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Basic Information

Catalog Number:
86613-3-RR

Size:
100ul , Concentration: 1000 µg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG20581

GenBank Accession Number:
BC082760

GeneID (NCBI):
11273

UNIPROT ID:
Q8WWM7

Full Name:
ataxin 2-like

Calculated MW:
1062 aa, 112 kDa

Observed MW:
150 kDa

Purification Method:
Protein A purification

CloneNo.:
251578A9

Recommended Dilutions:
WB: 1:5000-1:50000
IF/ICC: 1:250-1:1000

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 expended 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

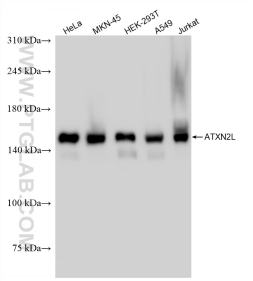
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

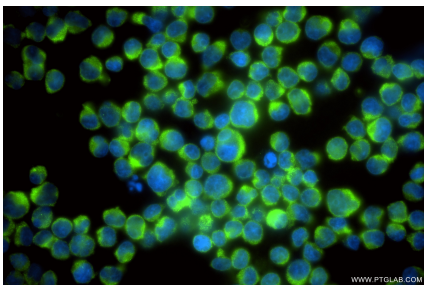
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

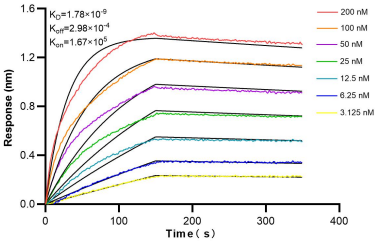
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 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.