

ATXN2L Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP5183b

Product Information

Application	WB, FC, E
Primary Accession	Q8WWM7
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB26446
Calculated MW	113374
Antigen Region	1021-1048

Additional Information

Gene ID	11273
Other Names	Ataxin-2-like protein, Ataxin-2 domain protein, Ataxin-2-related protein, ATXN2L, A2D, A2LG, A2LP, A2RP
Target/Specificity	This ATXN2L antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1021-1048 amino acids from the C-terminal region of human ATXN2L.
Dilution	WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ATXN2L Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ATXN2L
Synonyms	A2D, A2LG, A2LP, A2RP
Function	Involved in the regulation of stress granule and P-body formation.

Cellular Location

Membrane; Peripheral membrane protein. Cytoplasm. Nucleus speckle. Cytoplasmic granule. Note=Predominantly cytoplasmic but is also detected in nuclear speckles (PubMed:23209657). Component of cytoplasmic stress granules (PubMed:23209657). Inhibition of methylation alters nuclear localization (PubMed:25748791). Methylation does not seem to be required for localization to stress granules under stress conditions (PubMed:25748791).

Tissue Location

Expressed at high levels in thymus, lymph node, spleen, fetal kidney and adult testis. Constitutively associated with MPL and EPOR in hematopoietic cells.

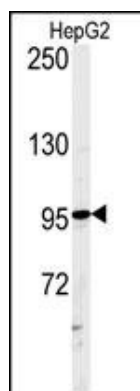
Background

ATXN2L encodes an ataxin type 2 related protein of unknown function. This protein is a member of the spinocerebellar ataxia (SCAs) family, which is associated with a complex group of neurodegenerative disorders.

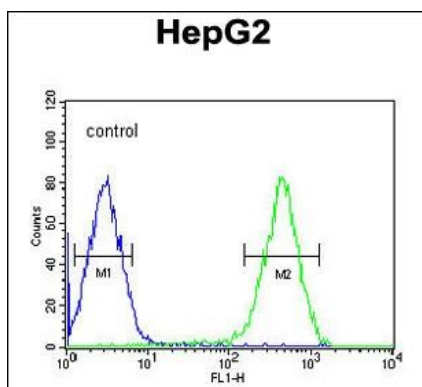
References

Imielinski, M., et al. Nat. Genet. 41(12):1335-1340(2009)
Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)
Nonhoff, U., et al. Mol. Biol. Cell 18(4):1385-1396(2007)

Images



Western blot analysis of ATXN2L Antibody (C-term) (Cat. #AP5183b) in HepG2 cell line lysates (35ug/lane). ATXN2L (arrow) was detected using the purified Pab.



ATXN2L Antibody (C-term) (Cat. #AP5183b) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.