

Ataxin 10 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51727

Product Information

Application	WB
Primary Accession	Q9UBB4
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53489

Additional Information

Gene ID	25814
Other Names	Ataxin-10, Brain protein E46 homolog, Spinocerebellar ataxia type 10 protein, ATXN10, SCA10
Target/Specificity	KLH conjugated synthetic peptide derived from human Ataxin 10
Dilution	WB~~ 1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	ATXN10
Synonyms	SCA10
Function	May play a role in the regulation of cytokinesis (PubMed: 21857149 , PubMed: 25666058). May play a role in signaling by stimulating protein glycosylation. Induces neuritogenesis by activating the Ras-MAP kinase pathway and is necessary for the survival of cerebellar neurons (By similarity). Does not appear to play a major role in ciliogenesis (By similarity).
Cellular Location	Cytoplasm, perinuclear region. Midbody. Cytoplasm, cytoskeleton, cilium basal body {ECO:0000250 UniProtKB:P28658} Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole {ECO:0000250 UniProtKB:P28658}. Note=Localizes to the midbody during telophase.
Tissue Location	Expressed in the central nervous system.

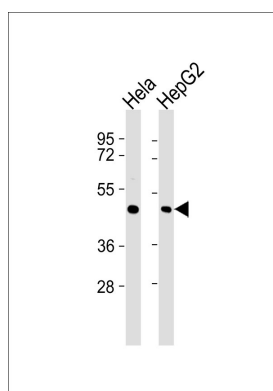
Background

Necessary for the survival of cerebellar neurons (By similarity). Induces neuritogenesis by activating the Ras-MAP kinase pathway (By similarity). May play a role in the maintenance of a critical intracellular glycosylation level and homeostasis (By similarity).

References

Wiemann S.,et al.Genome Res. 11:422-435(2001).
Hu R.-M.,et al.Proc. Natl. Acad. Sci. U.S.A. 97:9543-9548(2000).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Collins J.E.,et al.Genome Biol. 5:R84.1-R84.11(2004).
Ota T.,et al.Nat. Genet. 36:40-45(2004).

Images



All lanes : Anti-Ataxin 10 Antibody at 1:1000 dilution Lane 1: HeLa whole cell lysates Lane 2: HepG2 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 53 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

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