

Ataxin 2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51006

Product Information

Application	WB
Primary Accession	Q99700
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	140283

Additional Information

Gene ID	6311
Other Names	Ataxin-2, Spinocerebellar ataxia type 2 protein, Trinucleotide repeat-containing gene 13 protein, ATXN2, ATX2, SCA2, TNRC13
Target/Specificity	KLH conjugated synthetic peptide derived from human Ataxin 2
Dilution	WB~~ 1:2000
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	ATXN2
Synonyms	ATX2, SCA2, TNRC13
Function	Involved in EGFR trafficking, acting as negative regulator of endocytic EGFR internalization at the plasma membrane.
Cellular Location	Cytoplasm.
Tissue Location	Expressed in the brain, heart, liver, skeletal muscle, pancreas and placenta. Isoform 1 is predominant in the brain and spinal cord. Isoform 4 is more abundant in the cerebellum. In the brain, broadly expressed in the amygdala, caudate nucleus, corpus callosum, hippocampus, hypothalamus, substantia nigra, subthalamic nucleus and thalamus.

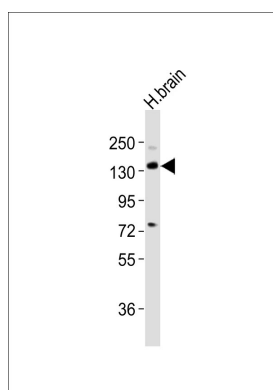
Background

Involved in EGFR trafficking, acting as negative regulator of endocytic EGFR internalization at the plasma membrane.

References

Pulst S.-M.,et al.Nat. Genet. 14:269-276(1996).
Sanpei K.,et al.Nat. Genet. 14:277-284(1996).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Scherer S.E.,et al.Nature 440:346-351(2006).
Imbert G.,et al.Nat. Genet. 14:285-291(1996).

Images



Anti-Ataxin 2 Antibody at 1:2000 dilution + human brain lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 140 kDa
Blocking/Dilution buffer: 5% NFDm/TBST.

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