

Rabbit anti-Human, Mouse ATXN2 Polyclonal Antibody | anti-ATXN2 antibody

Ataxin-2, Spinocerebellar ataxia type 2 protein, Trinucleotide repeat-containing gene 13 protein, ATXN2, ATX2, SCA2, TNRC13

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290589	Rabbit	Human, Mouse	ELISA, Western Blot

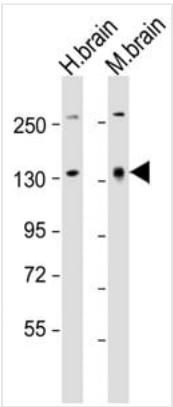
PRODUCT SYNONYMS

ATXN2; Polyclonal Antibody; Ataxin-2; Spinocerebellar ataxia type 2 protein; Trinucleotide repeat-containing gene 13 protein; ATX2; SCA2; TNRC13; anti-ATXN2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	Ig
Clone Number	RB53600
Specificity	This ATXN2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 321-355 amino acids from human ATXN2.
Form/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.
Sequence Length	1006
Applicable Applications for anti-ATXN2 antibody	ELISA, WB (Western Blot)
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.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
All lanes : Anti-ATXN2 Antibody (N-Term) at 1:2000 dilution
Lane 1: human brain lysate
Lane 2: mouse brain lysate
Lysates/proteins at 20 ug 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.

ADDITIONAL INFORMATION

Related Product Information for anti-ATXN2 antibody	Involved in EGFR trafficking, acting as negative regulator of endocytic EGFR internalization at the plasma membrane.
Product Categories/Family for anti-ATXN2 antibody	Cell biology; Neuroscience
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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	858437832
NCBI GeneID	6311
NCBI Accession #	NP_001297052.1
NCBI GenBank Nucleotide #	NM_001310123.1
UniProt Accession #	Q99700; Q24JQ7; Q6ZQZ7; Q99493; A6NLD4
Molecular Weight	140283
NCBI Official Full Name	ataxin-2 isoform 3
NCBI Official Synonym Full Names	ataxin 2
NCBI Official Symbol	ATXN2
NCBI Official Synonym Symbols	ATX2; SCA2; ASL13; TNRC13
NCBI Protein Information	ataxin-2
UniProt Protein Name	Ataxin-2
UniProt Gene Name	ATXN2
UniProt Synonym Gene Names	ATX2; SCA2; TNRC13
UniProt Entry Name	ATX2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/atxn2-antibody-clone-rb53600-western-blot-elisa/290589>