

ATX2 Polyclonal Antibody | anti-ATX2 antibody

Anti-ATX2 Antibody

CATALOG # AAA46386	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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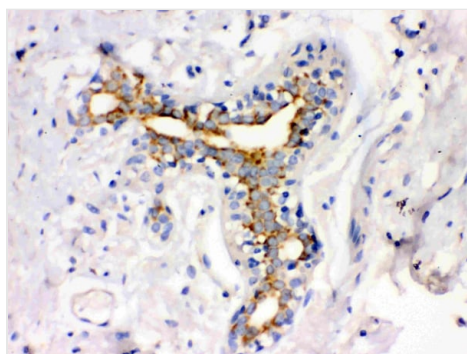
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

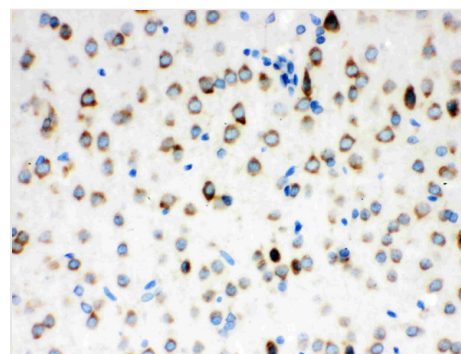
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	1006
Applicable Applications for anti-ATX2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human ATX2 (1283-1313aa QSALQPIPVSTTAHFPYMTGPSVQAHHQQQL), identical to the related mouse sequence.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



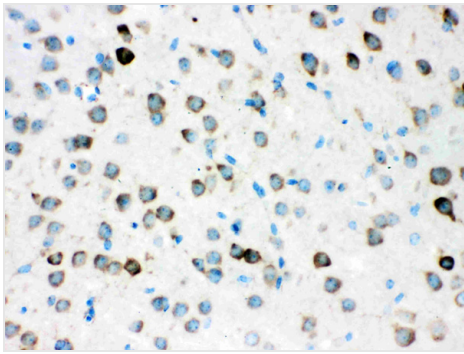
IHC (Immunohistochemistry)

Anti- ATX2 Picoband antibody, AAA46386, IHC(P)IHC(P): Human Mammary Cancer Tissue

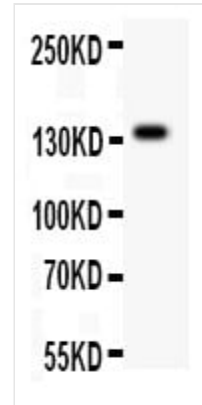


IHC (Immunohistochemistry)

Anti- ATX2 Picoband antibody, AAA46386, IHC(P)IHC(P): Rat Brain Tissue



IHC (Immunohistochemistry)
Anti- ATX2 Picoband antibody, AAA46386, IHC(P)IHC(P): Mouse Brain Tissue



WB (Western Blot)
Anti- ATX2 Picoband antibody, AAA46386, Western blottingAll lanes: Anti ATX2 (AAA46386)
at 0.5ug/mlWB: Mouse Liver Tissue Lysate at 50ugPredicted bind size: 140KDObserved bind
size: 140KD

ADDITIONAL INFORMATION

Related Product Information for anti-ATX2 antibody	Description: Rabbit IgG polyclonal antibody for Ataxin-2(ATXN2) detection. Tested with WB, IHC-P in Human;Mouse;Rat. Background: Ataxin-2, the protein encoded by the ATXN2 gene, contains a polyglutamine tract, long expansions (greater than 33 repeats) of which result in spinocerebellar ataxia-2 (SCA2), an autosomal dominant form of olivopontocerebellar atrophy. The gene for spinocerebellar ataxia type 2 (SCA2) has been mapped to 12q24.1. Ataxin-2 associates with L- and T-plastin and that overexpression of ataxin-2 leads to accumulation of T-plastin in mammalian cells.
References	1. Pulst, S.-M., Nechiporuk, A., Nechiporuk, T., Gispert, S., Chen, X.-N., Lopes-Cendes, I., Pearlman, S., Starkman, S., Orozco-Diaz, G., Lunke, A., DeJong, P., Rouleau, G. A., Auburger, G., Korenberg, J. R., Figueroa, C., Sahba, S. Moderate expansion of a normally biallelic trinucleotide repeat in spinocerebellar ataxia type 2. 2. Ralser, M., Nonhoff, U., Albrecht, M., Lengauer, T., Wanker, E. E., Lehrach, H., Krobisch, S. Ataxin-2 and huntingtin interact with endophilin-A complexes to function in plastin-associated pathways. Hum. Molec. Genet. 14: 2893-2909, 2005.

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	109,037 Da
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

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/atx2-antibody-immunohistochemistry-western-blot-elisa/46386>