

anti-Human Ataxin 1 Polyclonal Antibody | anti-ATXN1 antibody

Anti-Ataxin 1 Antibody

CATALOG # AAA46493	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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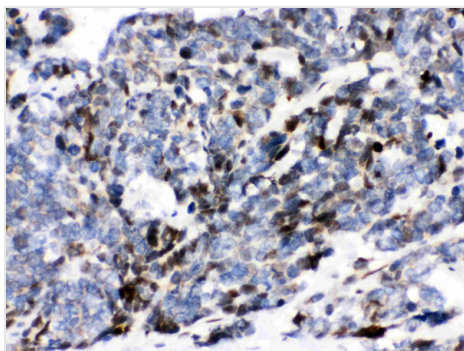
PRODUCT SYNONYMS

Ataxin 1; Polyclonal Antibody; Anti-Ataxin 1 Antibody; Ataxin-1; ATX1; ATX1_HUMAN; Atxn1; D6S504E; OTTHUMP00000016065; SCA1; Spinocerebellar ataxia type 1 protein antibody; ataxin 1; anti-ATXN1 antibody

PRODUCT SPECIFICATIONS

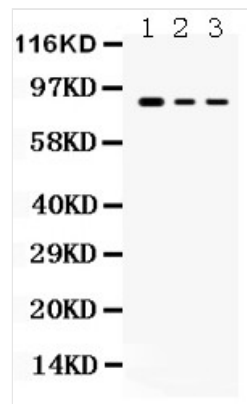
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	815
Applicable Applications for anti-ATXN1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Ataxin 1 (778-808aa ESRKLEKSEDEPPLTLPKPSLIPQEVKICIE), different from the related mouse and rat sequences by one amino acid.
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- Ataxin 1 Picoband antibody, AAA46493, IHC(P)IHC(P): Human Lung Cancer Tissue



WB (Western Blot)

Anti- Ataxin 1 Picoband antibody, AAA46493, Western blottingAll lanes: Anti Ataxin 1 (AAA46493) at 0.5ug/mlLane 1: MCF-7 Whole Cell Lysate at 40ugLane 2: COLO320 Whole Cell Lysate at 40ugLane 3: PANC Whole Cell Lysate at 40ugPredicted bind size: 87KDObserved bind size: 87KD

ADDITIONAL INFORMATION

Related Product Information for anti-ATXN1 antibody	Description: Rabbit IgG polyclonal antibody for Ataxin-1(ATXN1) detection. Tested with WB, IHC-P in Human. Background: Ataxin-1 is a protein that in humans is encoded by the ATXN1 gene. The ATXN1 gene had been mapped to 6p23 by in situ hybridization. Ataxin-1 (ATXN1), a causative factor for spinocerebellar ataxia type 1 (SCA1), and the related Brother of ATXN1 (BOAT1) are human proteins involved in transcriptional repression. ATXN1 and BOAT1 might participate in several Notch-controlled developmental and pathological processes.
References	1. "Entrez Gene: ATXN1 ataxin 1" 2. Tong, X., Gui, H., Jin, F., Heck, B. W., Lin, P., Ma, J., Fondell, J. D., Tsai, C.-C. Ataxin-1 and brother of ataxin-1 are components of the Notch signalling pathway. EMBO Rep. 12: 428-435, 2011. 3. Volz A, Fonatsch C, Ziegler A (Jun 1992). "Regional mapping of the gene for autosomal dominant spinocerebellar ataxia (SCA1) by localizing the closely linked D6S89 locus to 6p24.2----p23.05". Cytogenet Cell Genet 60 (1): 37-9. 4. Volz, A., Boyle, J. M., Cann, H. M., Cottingham, R. W., Orr, H. T., Ziegler, A. Report of the second international workshop on human chromosome 6. Genomics 21: 464, 1994.

NCBI AND UNIPROT INFORMATION

NCBI GI #	51479158
NCBI GeneID	6310
NCBI Accession #	NP_000323.2
NCBI GenBank Nucleotide #	NM_000332.3
UniProt Accession #	P54253; Q17S02; Q9UJG2; Q9Y4J1
Molecular Weight	86,923 Da
NCBI Official Full Name	ataxin-1
NCBI Official Synonym Full Names	ataxin 1
NCBI Official Symbol	ATXN1
NCBI Official Synonym Symbols	ATX1; SCA1; D6S504E
NCBI Protein Information	ataxin-1
UniProt Protein Name	Ataxin-1
UniProt Gene Name	ATXN1
UniProt Synonym Gene Names	ATX1; SCA1
UniProt Entry Name	ATX1_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.