

Rabbit anti-Human, mouse ATXN3 Polyclonal Antibody | anti-ATXN3 antibody

ATXN3 Antibody

CATALOG # AAA229084	HOST Rabbit	REACTIVITY Human, mouse	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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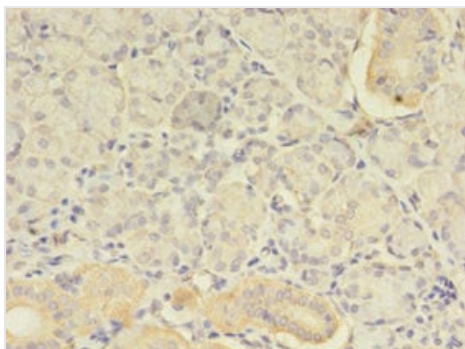
PRODUCT SYNONYMS

ATXN3; Polyclonal Antibody; ATXN3 Antibody; Ataxin-3; Machado-Joseph disease protein 1; Spinocerebellar ataxia type 3 protein; ATX3; MJD; MJD1; SCA3; anti-ATXN3 antibody

PRODUCT SPECIFICATIONS

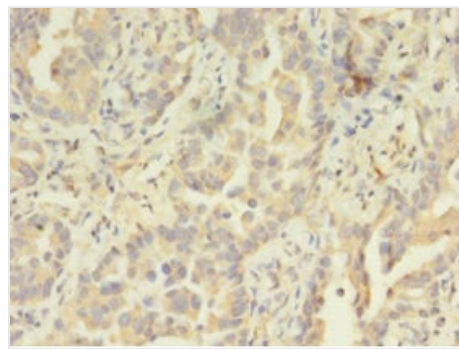
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	346
Applicable Applications for anti-ATXN3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Ataxin-3 protrin(1-288AA)
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-18480
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



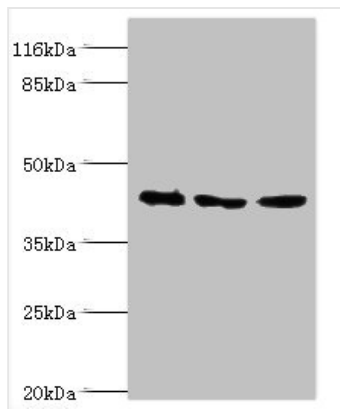
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human pancreas tissue using AAA229084 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using AAA229084 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: ATXN3 antibody at 2ug/mlLane 1:293T whole cell lysateLane 2:Mouse brain tissueLane 3:MCF-7 whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 42,36,40,21 kDaObserved band size: 42 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ATXN3 antibody

Deubiquitinating enzyme involved in protein homeostasis maintenance, transcription, cytoskeleton regulation, myogenesis and degradation of misfolded chaperone substrates. Binds long polyubiquitin chains and trims them, while it has weak or no activity against chains of 4 or less ubiquitins. Involved in degradation of misfolded chaperone substrates via its interaction with STUB1/CHIP: recruited to monoubiquitinated STUB1/CHIP, and restricts the length of ubiquitin chain attached to STUB1/CHIP substrates and preventing further chain extension. In response to misfolded substrate ubiquitination, mediates deubiquitination of monoubiquitinated STUB1/CHIP. Interacts with key regulators of transcription and represses transcription: acts as a histone-binding protein that regulates transcription.

NCBI AND UNIPROT INFORMATION

NCBI GI #	189163493
NCBI GeneID	4287
NCBI Accession #	NP_001121168.1
NCBI GenBank Nucleotide #	NM_001127696.1
UniProt Accession #	P54252 ; O15284 ; O15285 ; O15286 ; Q8N189 ; Q96TC3 ; Q96TC4 ; Q9H3N0 ; A7LFZ5 ; D6RDL9 ; E9PB63
Molecular Weight	20,633 Da
NCBI Official Full Name	ataxin-3 isoform ad
NCBI Official Synonym Full Names	ataxin 3
NCBI Official Symbol	ATXN3
NCBI Official Synonym Symbols	AT3; JOS; MJD; ATX3; MJD1; SCA3
NCBI Protein Information	ataxin-3
UniProt Protein Name	Ataxin-3
UniProt Gene Name	ATXN3
UniProt Synonym Gene Names	ATX3; MJD; MJD1; SCA3
UniProt Entry Name	ATX3_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.