

Rabbit ATN1 Polyclonal Antibody | anti-ATN1 antibody

ATN1 antibody - N-terminal region

CATALOG # AAA197739	HOST Rabbit	REACTIVITY Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat	APPLICATIONS Western Blot
-------------------------------	-----------------------	--	-------------------------------------

PRODUCT SYNONYMS

ATN1; Polyclonal Antibody; ATN1 antibody - N-terminal region; anti-ATN1 antibody

PRODUCT SPECIFICATIONS

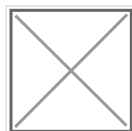
Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: VS TSSSDGKAEK SRQTAKKARV EEASTPKV NK QGRSEEISES ESEETNAP
Sequence Length	1190
Applicable Applications for anti-ATN1 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 93%; Horse: 93%; Human: 100%; Mouse: 86%; Pig: 93%; Rabbit: 100%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ATN1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-ATN1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: Human Placenta

WB (Western Blot)

WB Suggested Anti-ATN1 Antibody
Positive Control: Lane1: 30ug human fibroblasts
Primary Antibody Dilution : 1:500
Secondary Antibody : Anti-rabbit-HRP
Secondary Antibody Dilution : 1:1000
Submitted by: Anonymous

WB (Western Blot)

Host: Rabbit
Target Name: ATN1
Sample Type: 721_B
Antibody Dilution: 1.0ug/ml
There is BioGPS gene expression data showing that ATN1 is expressed in 721_B

ADDITIONAL INFORMATION

Related Product Information for anti-ATN1 antibody	This is a rabbit polyclonal antibody against ATN1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Dentatorubral pallidoluysian atrophy is a rare neurodegenerative disorder characterized by cerebellar ataxia, myoclonic epilepsy, choreoathetosis, and dementia. The disorder is related to the expansion of a trinucleotide repeat within ATN1. The protein includes a serine repeat and a region of alternating acidic and basic amino acids, as well as the variable glutamine repeat. Alternative splicing results in two transcripts variants that encode the same protein.Dentatorubral pallidoluysian atrophy is a rare neurodegenerative disorder characterized by cerebellar ataxia, myoclonic epilepsy, choreoathetosis, and dementia. The disorder is related to the expansion of a trinucleotide repeat within this gene. The encoded protein includes a serine repeat and a region of alternating acidic and basic amino acids, as well as the variable glutamine repeat. Alternative splicing results in two transcripts variants that encode the same protein.
Product Categories/Family for anti-ATN1 antibody	Polyclonal; Transcription Factor; Neurobiology; Transcription Regulation; Drugs and Drug Metabolism; Chromatin & Nuclear Signaling; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	55750041
NCBI GeneID	1822
NCBI Accession #	NP_001931
NCBI GenBank Nucleotide #	NM_001940
UniProt Accession #	P54259
Molecular Weight	125kDa
NCBI Official Full Name	atrophin-1
NCBI Official Synonym Full Names	atrophin 1
NCBI Official Symbol	ATN1
NCBI Official Synonym Symbols	B37; HRS; NOD; DRPLA; D12S755E
NCBI Protein Information	atrophin-1
UniProt Protein Name	Atrophin-1
UniProt Gene Name	ATN1
UniProt Synonym Gene Names	D12S755E; DRPLA
UniProt Entry Name	ATN1_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.