

Rabbit anti-Human ATN1 Polyclonal Antibody | anti-ATN1 antibody

ATN1 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283172	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

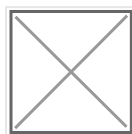
PRODUCT SYNONYMS

ATN1; Polyclonal Antibody; ATN1 Rabbit pAb; B37; HRS; NOD; DRPLA; CHEDDA; D12S755E; anti-ATN1 antibody

PRODUCT SPECIFICATIONS

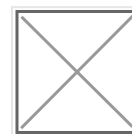
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thimerosal, 50% glycerol, pH7.3.
Sequence	RNHPFYVPLG AVDPGLLGYN VPALYSSDPA AREREREARE RDLRDRLKPG FEVKPSELEP LHGVPGPGLD PFPRHGGLAL QPGPPGLHPF PFHPSLGPLE RERLALAAGP ALRPDMSYAE RLAAERQHA E RVAALGNDPL A
Applicable Applications for anti-ATN1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 900-1040 of human ATN1 (NP_001007027.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using ATN1 Rabbit pAb (AAA283172) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of lysates from 293T cells using ATN1 Rabbit pAb (AAA283172) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-ATN1 antibody	Dentatorubral pallidoluysian atrophy (DRPLA) is a rare neurodegenerative disorder characterized by cerebellar ataxia, myoclonic epilepsy, choreoathetosis, and dementia. The disorder is related to the expansion from 7-35 copies to 49-93 copies of a trinucleotide repeat (CAG/CAA) 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	Epigenetics Nuclear Signaling; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	55750053
NCBI GeneID	1822
NCBI Accession #	NP_001007027.1
NCBI GenBank Nucleotide #	NM_001007026.1
UniProt Accession #	P54259; Q99495; Q99621; Q9UEK7
Molecular Weight	Calculated MW: 125kDa Observed MW: 110kDa
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/atn1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/283172>