

Rabbit anti-Human Atrophin 1 Polyclonal Antibody | anti-ATN1 antibody

Rabbit anti-Atrophin 1 Antibody, Affinity Purified

CATALOG # AAA211124	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

Atrophin 1; Polyclonal Antibody; Rabbit anti-Atrophin 1 Antibody; Affinity Purified; HRS; DRPLA; dentatorubral-pallidoluysian atrophy protein; D12S755E; atrophin-1; NOD; B37; Atrophin-1; atrophin 1; anti-ATN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-ATN1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse, Rat, Chimpanzee
Immunogen	Between 1140 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human Atrophin 1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Atrophin 1 antibody AAA211124 (lot AAA211124-2) used for WB at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human Atrophin 1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Atrophin 1 antibody AAA211124 (lot AAA211124-2) used for IP at 3 ug per reaction. Atrophin 1 was also immunoprecipitated by rabbit anti-Atrophin 1 antibody BL3347. For blotting immunoprecipitated Atrophin 1, AAA211124 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-ATN1 antibody	Atrophin 1 is an evolutionarily conserved transcriptional corepressor. Expansion of a polyglutamine (polyQ) repeat within the atrophin 1 protein results in dentatorubral-pallidoluysian atrophy (DRPLA), an autosomal dominant neurodegenerative disease.
Product Categories/Family for anti-ATN1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	1822
UniProt Accession #	P54259
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/atrophin-1-antibody-immunoprecipitation-western-blot-elisa/211124>