

Rabbit Atlastin-1 Polyclonal Antibody | anti-ATL1 antibody

Anti-Atlastin-1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA262039	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

Atlastin-1; Polyclonal Antibody; Anti-Atlastin-1 Antibody; GBP3; SPG3A; Brain-specific GTP-binding protein; GTP-binding protein 3; GBP-3; hGBP3; Guanine nucleotide-binding protein 3; Spastic paraplegia 3 protein A; anti-ATL1 antibody

PRODUCT SPECIFICATIONS

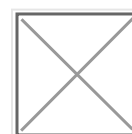
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Atlastin-1 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	553
Applicable Applications for anti-ATL1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant full length protein of human Atlastin-1
Preparation and Storage	Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of Atlastin-1 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of Atlastin-1 expression in LOVO (A), HEK293T (B), mouse brain (C) whole cell lysates. (Predicted band size: 63 kD; Observed band size: 64 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-ATL1 antibody	Rabbit polyclonal antibody to Atlastin-1
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NCBI AND UNIPROT INFORMATION

NCBI GI #	189181742
NCBI GeneID	51062

NCBI Accession #	NP_001121185.1
NCBI GenBank Nucleotide #	NM_001127713.1
UniProt Accession #	Q8WXF7; O95890; Q69YH7; Q96FK0; A6NND5; A8K2C0; G5E9T1
NCBI Official Full Name	atlastin-1 isoform b
NCBI Official Synonym Full Names	atlastin GTPase 1
NCBI Official Symbol	ATL1
NCBI Official Synonym Symbols	FSP1; GBP3; SPG3; HSN1D; SPG3A; AD-FSP; atlastin1
NCBI Protein Information	atlastin-1
UniProt Protein Name	Atlastin-1
UniProt Gene Name	ATL1
UniProt Synonym Gene Names	GBP3; SPG3A; GBP-3; hGBP3
UniProt Entry Name	ATLA1_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/atlastin-1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/262039>