

Rabbit anti-Human AFG3L2 Polyclonal Antibody | anti-AFG3L2 antibody

Rabbit anti-AFG3L2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213282	Rabbit	Human	Immunoprecipitation, Western Blot

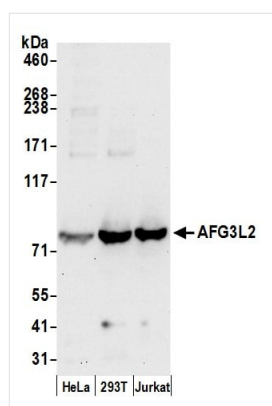
PRODUCT SYNONYMS

AFG3L2; Polyclonal Antibody; Rabbit anti-AFG3L2 Antibody; Affinity Purified; AFG3 like AAA ATPase 2; SCA28; paraplegin-like protein; SPAX5; AFG3 ATPase family member 3-like 2; AFG3 ATPase family gene 3-like 2; AFG3-like protein 2; ATPase family gene 3; yeast; AFG3 like matrix AAA peptidase subunit 2; anti-AFG3L2 antibody

PRODUCT SPECIFICATIONS

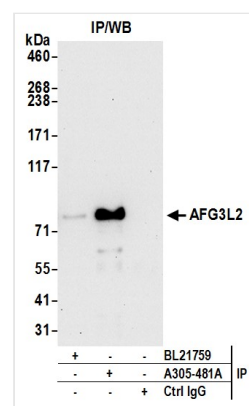
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-AFG3L2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 75 and 125
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 AFG3L2 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-AFG3L2 antibody AAA213282 (lot AAA213282-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human AFG3L2 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-AFG3L2 antibody AAA213282 (lot AAA213282-1) used for IP at 6 ug per reaction. AFG3L2 was also immunoprecipitated by rabbit anti-AFG3L2 antibody BL21759. For blotting immunoprecipitated AFG3L2, AAA213282 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-AFG3L2 antibody	AFG3L2 is a protein localized in mitochondria and closely related to paraplegin. The paraplegin gene is responsible for an autosomal recessive form of hereditary spastic paraplegia. The gene encoding AFG3L2 is a candidate gene for other hereditary spastic paraplegias or neurodegenerative disorders [taken from NCBI Entrez Gene (Gene ID: 10939)].
Product Categories/Family for anti-AFG3L2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	300192933
NCBI GeneID	10939
NCBI Accession #	NP_006787.2
NCBI GenBank Nucleotide #	NM_006796.2
UniProt Accession #	Q9Y4W6; Q6P1L0
Molecular Weight	88,584 Da
NCBI Official Full Name	AFG3-like protein 2
NCBI Official Synonym Full Names	AFG3 like matrix AAA peptidase subunit 2
NCBI Official Symbol	AFG3L2
NCBI Official Synonym Symbols	SCA28; SPAX5
NCBI Protein Information	AFG3-like protein 2
UniProt Protein Name	AFG3-like protein 2
UniProt Gene Name	AFG3L2
UniProt Entry Name	AFG32_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/afg3l2-antibody-immunoprecipitation-western-blot-elisa/213282>