

Rabbit SPG7 Polyclonal Antibody | anti-SPG7 antibody

SPG7 antibody

CATALOG # AAA107880	HOST Rabbit	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

SPG7; Polyclonal Antibody; SPG7 antibody; Polyclonal SPG7; Anti-SPG7; MGC126332; SPG5C; SPG-7; cell adhesion regulator; SPG 7; paraplegin; MGC126331; PGN; CAR; CMAR; FLJ37308; anti-SPG7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	SPG7 antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 20% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.83 mg/ml (varies by lot)
Sequence Length	732
Applicable Applications for anti-SPG7 antibody	WB (Western Blot)
Biological Significance	This gene encodes a nuclear-encoded mitochondrial metalloprotease protein that is a member of the AAA protein family. Members of this protein family share an ATPase domain and have roles in diverse cellular processes including membrane trafficking, intracellular motility, organelle biogenesis, protein folding, and proteolysis. Mutations associated with this gene cause autosomal recessive spastic paraplegia 7.
Cross-Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: 293T) using a 7.5 % SDS PAGE gel and SPG7 antibody at a dilution of 1:1000


WB (Western Blot)

Western blot analysis of 50 ug of whole cell lysate (A: Mouse brain) using a 7.5 % SDS PAGE gel and SPG7 antibody at a dilution of 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-SPG7 antibody	Affinity purified Rabbit polyclonal SPG7 antibody
Product Categories/Family for anti-SPG7 antibody	Proteases; Inhibitors; & Enzymes; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	34783526
NCBI GeneID	6687
UniProt Accession #	Q9UQ90; O75756; Q2TB70; Q58F00; Q96IB0
Molecular Weight	88 kDa
NCBI Official Full Name	SPG7 protein, partial
NCBI Official Synonym Full Names	spastic paraplegia 7 (pure and complicated autosomal recessive)
NCBI Official Symbol	SPG7
NCBI Official Synonym Symbols	CAR; PGN; CMAR; SPG5C
NCBI Protein Information	paraplegin
UniProt Protein Name	Paraplegin
UniProt Gene Name	SPG7
UniProt Synonym Gene Names	CAR; CMAR; PGN
UniProt Entry Name	SPG7_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/spg7-antibody-western-blot-elisa/107880>