

Rabbit anti-Human SPG20 Polyclonal Antibody | anti-SPG20 antibody

Rabbit anti-SPG20 Antibody, Affinity Purified

CATALOG # AAA213236	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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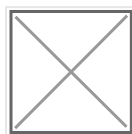
PRODUCT SYNONYMS

SPG20; Polyclonal Antibody; Rabbit anti-SPG20 Antibody; Affinity Purified; spartin; spastic paraplegia 20 (Troyer syndrome); Spastic paraplegia 20 protein; TAHCCP1; trans-activated by hepatitis C virus core protein 1; Spartin; anti-SPG20 antibody

PRODUCT SPECIFICATIONS

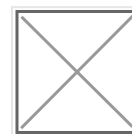
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-SPG20 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 350 and 400
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 SPG20 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-SPG20 antibody AAA213236 (lot AAA213236-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human SPG20 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-SPG20 antibody AAA213236 (lot AAA213236-1) used for IP at 6 ug per reaction. SPG20 was also immunoprecipitated by rabbit anti-SPG20 antibody For blotting immunoprecipitated SPG20, AAA213236 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-SPG20 antibody

Spastic paraplegia 20 protein (SPG20) is a protein containing a MIT (Microtubule Interacting and Trafficking molecule) domain, and is implicated in regulating endosomal trafficking and mitochondria function. The protein localizes to mitochondria and partially co-localizes with microtubules. Stimulation with epidermal growth factor (EGF) results in protein translocation to the plasma membrane, and the protein functions in the degradation and intracellular trafficking of EGF receptor. Mutations associated with the SPG20 gene cause autosomal recessive spastic paraplegia 20 (Troyer syndrome) [taken from NCBI Entrez Gene (Gene ID: 23111)].

NCBI AND UNIPROT INFORMATION

NCBI GeneID	23111
UniProt Accession #	Q8N0X7
UniProt Protein Name	Spartin
UniProt Gene Name	SPG20
UniProt Synonym Gene Names	KIAA0610; TAHCCP1
UniProt Entry Name	SPG20_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/spg20-antibody-immunoprecipitation-western-blot-elisa/213236>