

Rabbit Spartin, SPG20 Polyclonal Antibody | anti-SPG20 antibody

Spartin, SPG20 Antibody

CATALOG # AAA322912	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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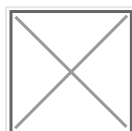
PRODUCT SYNONYMS

Spartin; SPG20; Polyclonal Antibody; SPG20 Antibody; SPARTIN; Spastic paraplegia 20 (Troyer syndrome); TAHCCP1; Trans activated by hepatitis C virus core protein 1; anti-SPG20 antibody

PRODUCT SPECIFICATIONS

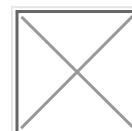
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Spartin, SPG20 antibody detects endogenous levels of Spartin, SPG20.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	666
Applicable Applications for anti-SPG20 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Spartin, SPG20.
Tissue Specificity	Ubiquitously expressed, with highest levels of expression detected in adipose tissue.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Chicken, Xenopus
Similarity	Pig (92%), Bovine (100%), Horse (92%), Sheep (92%), Rabbit (92%), Chicken (83%), Xenopus (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of NIH/3T3 cells, using Spartin, SPG20 antibody.



IHC (Immunohistochemistry)

AAA322912 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-SPG20 antibody	Function: May be implicated in endosomal trafficking, or microtubule dynamics, or both. Participates in cytokinesis (PubMed:20719964). Subunit Structure: Interacts with ITCH and WWP1 (PubMed:19580544). Interacts (via MIT domain) with IST1; leading to the recruitment of SPART to midbodies (PubMed:20719964). Post-translational Modifications: Ubiquitinated; ubiquitination does not require ITCH and WWP1.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	214830079
NCBI GeneID	23111
NCBI Accession #	NP_001135766.1
NCBI GenBank Nucleotide #	NM_001142294.1
UniProt Accession #	Q8N0X7; O60349; Q86Y67; Q9H1T2; Q9H1T3
Molecular Weight	Observed: 75 kDa; 84 kDa Predicted: 73 kDa
NCBI Official Full Name	spartin
NCBI Official Synonym Full Names	spartin
NCBI Official Symbol	SPART
NCBI Official Synonym Symbols	SPG20; TAHCCP1
NCBI Protein Information	spartin
UniProt Protein Name	Spartin
UniProt Gene Name	SPART

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/spartin-spg20-antibody-immunohistochemistry-western-blot-elisa/322912>