

Rabbit SPG15 Polyclonal Antibody | anti-ZFYVE26 antibody

SPG15 Antibody

CATALOG # AAA39857	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot, ELISA
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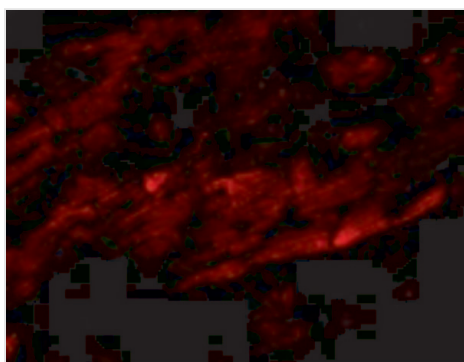
PRODUCT SYNONYMS

SPG15; Polyclonal Antibody; SPG15 Antibody; FYVE-CENT; KIAA0321; Zinc finger FYVE domain-containing protein 26; FYVE domain-containing centrosomal protein; zinc finger; FYVE domain containing 26; anti-ZFYVE26 antibody

PRODUCT SPECIFICATIONS

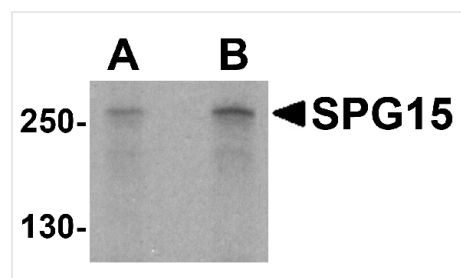
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	SPG15 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	2548
Applicable Applications for anti-ZFYVE26 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	SPG15 antibody was raised against a 16 amino acid synthetic peptide near the carboxy terminus of human SPG15.
Buffer	SPG15 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	SPG15 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of SPG15 in Mouse Heart tissue with SPG15 antibody at 20 µg/mL.



WB (Western Blot)

Western blot analysis of SPG15 in K562 cell lysate with SPG15 antibody at (A) 1 and (B) 2 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-ZFYVE26 antibody	SPG15 Antibody: Hereditary spastic paraplegias (HSPs) are genetically and phenotypically heterogeneous disorders. Spastic paraplegia with thinning of the corpus callosum (ARHSP-TCC) is a relatively frequent form of complicated hereditary spastic paraplegia in which mental retardation and muscle stiffness at onset are followed by slowly progressive paraparesis and cognitive deterioration. SPG15 is the second gene known to be responsible for ARHSP-TCC in the Italian population. Mutations in this gene are associated with autosomal recessive spastic paraplegia-15. SPG15 encodes a protein containing a FYVE zinc finger binding domain which is thought to target these proteins to membrane lipids through interaction with phospholipids in the membrane. SPG15 mRNA is widely distributed in human tissues, as well as in rat embryos, suggesting a possible role for this protein during embryonic development. SPG15 co-localizes partially with endoplasmic reticulum and endosome markers, suggesting a role in intracellular trafficking. Multiple isoforms of SPG15 are known to exist.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119601358
NCBI GeneID	23503
UniProt Accession #	Q68DK2; O15035; Q68DT9; Q6AW90; Q6ZR50; Q7Z3A4; Q7Z3I1; Q8N4W7; B1B5Y3; B4E2U3
Molecular Weight	77,970 Da
NCBI Official Full Name	zinc finger, FYVE domain containing 26, isoform CRA_a
NCBI Official Synonym Full Names	zinc finger, FYVE domain containing 26
NCBI Official Symbol	ZFYVE26
NCBI Official Synonym Symbols	SPG15; FYVE-CENT
NCBI Protein Information	zinc finger FYVE domain-containing protein 26; spastizin; FYVE domain-containing centrosomal protein
UniProt Protein Name	Zinc finger FYVE domain-containing protein 26
UniProt Gene Name	ZFYVE26
UniProt Synonym Gene Names	KIAA0321; FYVE-CENT
UniProt Entry Name	ZFY26_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.