

Datasheet for ABIN783824
anti-ZFYVE26 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	0.1 mg
Target:	ZFYVE26
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZFYVE26 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	16 amino acid peptide near the carboxy terminus of human SPG15.
Specificity:	This antibody reacts to ZFYVE26.
Purification:	Affinity chromatography

Target Details

Target:	ZFYVE26
Alternative Name:	ZFYVE26 (ZFYVE26 Products)
Background:	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

Target Details

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. Synonyms: KIAA0321, Zinc finger FYVE domain-containing protein 26

Gene ID: 23503

NCBI Accession: [NP_056161](#)

UniProt: [Q68DK2](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 1,0 mg/mL

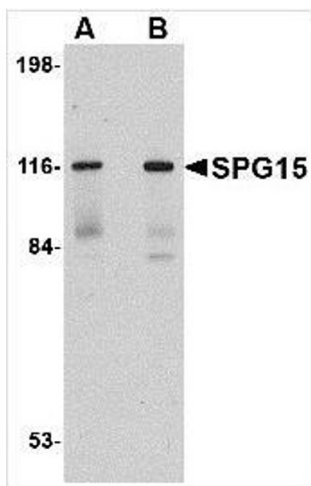
Buffer: PBS containing 0.02 % sodium azide as preservative

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: Store the antibody undiluted at 2-8 °C.



Western Blotting

Image 1. Western blot analysis of SPG15 in rat heart tissue lysate with SPG15 antibody at (A) 0.5 and (B) 1 μ g/ml.