

SPG15 / ZFYVE26 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS13022**Specification**

SPG15 / ZFYVE26 Antibody (C-Terminus) - Product Information

Application	WB, IHC-P, IF, E
Primary Accession	Q68DK2
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	285kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A IF~~1:50~200 E~~N/A

SPG15 / ZFYVE26 Antibody (C-Terminus) - Additional Information**Gene ID** 23503**Other Names**

Zinc finger FYVE domain-containing protein 26, FYVE domain-containing centrosomal protein, FYVE-CENT, Spastizin, ZFYVE26, KIAA0321

Target/Specificity

Multiple isoforms of SPG15 are known to exist.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

SPG15 / ZFYVE26 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

SPG15 / ZFYVE26 Antibody (C-Terminus) - Protein Information**Name** ZFYVE26**Synonyms** KIAA0321**Function**

Phosphatidylinositol 3-phosphate-binding protein required for the abscission step in cytokinesis: recruited to the midbody during cytokinesis and acts as a regulator of abscission. May also be required for efficient homologous recombination DNA double-strand break repair.

Cellular Location

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Midbody. Note=Localizes to

the centrosome during all stages of the cell cycle. Recruited to the midbody during cytokinesis by KIF13A

Tissue Location

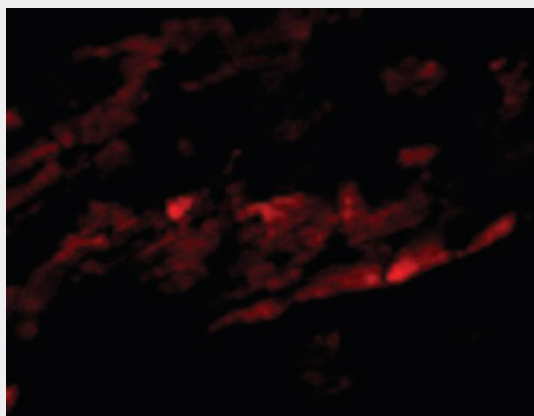
Strongest expression in the adrenal gland, bone marrow, adult brain, fetal brain, lung, placenta, prostate, skeletal muscle, testis, thymus, and retina. Intermediate levels are detected in other structures, including the spinal cord

SPG15 / ZFYVE26 Antibody (C-Terminus) - Protocols

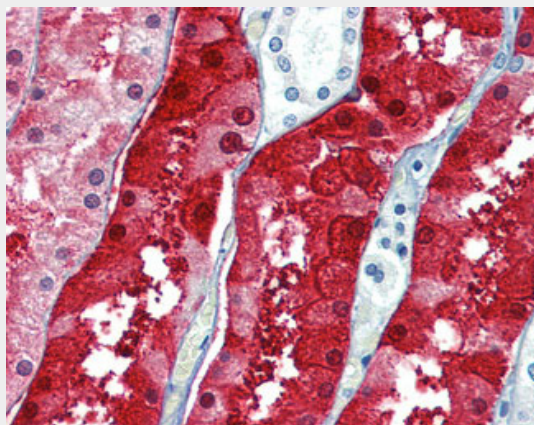
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SPG15 / ZFYVE26 Antibody (C-Terminus) - Images



Immunofluorescence of SPG15 in Mouse Heart cells with SPG15 antibody at 20 ug/ml.



Anti-ZFYVE26 antibody IHC of human kidney.

SPG15 / ZFYVE26 Antibody (C-Terminus) - Background

Phosphatidylinositol 3-phosphate-binding protein required for the abscission step in cytokinesis: recruited to the midbody during cytokinesis and acts as a regulator of abscission. May also be required for efficient homologous recombination DNA double-strand break repair.

SPG15 / ZFYVE26 Antibody (C-Terminus) - References

Nagase T.,et al.DNA Res. 4:141-150(1997).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Heilig R.,et al.Nature 421:601-607(2003).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.