

ZFYVE26 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57417**Specification****ZFYVE26 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q68DK2
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	285 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ZFYVE26
Epitope Specificity	2151-2250/2539
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm > cytoskeleton > microtubule organizing center > centrosome. Midbody. Localizes to the centrosome during all stages of the cell cycle. Recruited to the midbody during cytokinesis by KIF13A.
SIMILARITY	Contains 1 FYVE-type zinc finger.
DISEASE	Spastic paraplegia 15, autosomal recessive
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

This gene encodes a protein which contains a FYVE zinc finger binding domain. The presence of this domain is thought to target these proteins to membrane lipids through interaction with phospholipids in the membrane. Mutations in this gene are associated with autosomal recessive spastic paraplegia-15. [provided by RefSeq, Oct 2008]

ZFYVE26 Polyclonal Antibody - 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

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.

Dilution

WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

ZFYVE26 Polyclonal Antibody - 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

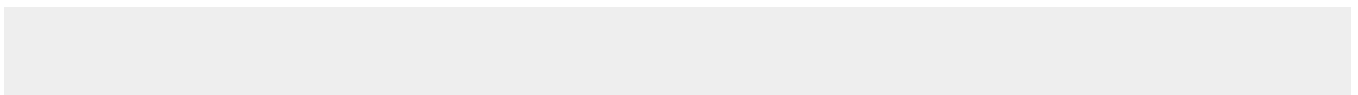
Tissue Location

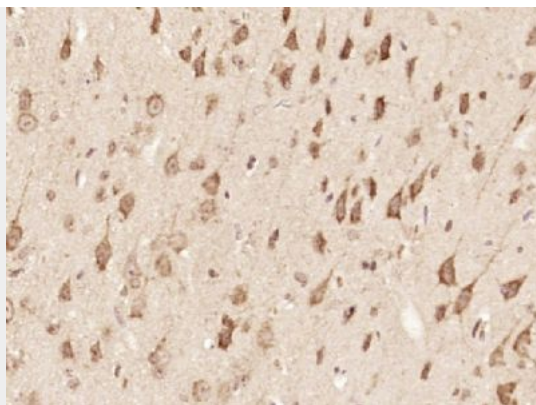
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ZFYVE26 Polyclonal Antibody - Protocols

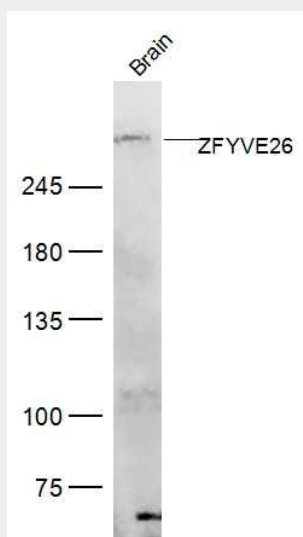
Provided below are standard protocols that you may find useful for product applications.

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

ZFYVE26 Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ZFYVE26) Polyclonal Antibody, Unconjugated (bs-19159R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Sample:

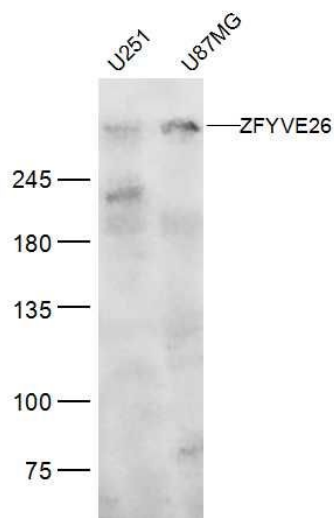
Brain (Mouse) Lysate at 40 ug

Primary: Anti-ZFYVE26 (bs-19159R) at 1/500 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 285 kD

Observed band size: 285 kD



Sample:

Brain (Mouse) Lysate at 40 ug

U251 (Human) CellLysate at 30 ug

U87MG (Human) CellLysate at 30 ug

Primary: Anti-ZFYVE26 (bs-19159R) at 1/500 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 285 kD

Observed band size: 285 kD