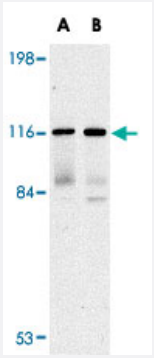
# ZFYVE26 polyclonal antibody

Catalog # PAB16701 Size 100 ug

## Applications




### Western Blot (Tissue lysate)

Western blot analysis of ZFYVE26 in rat heart tissue lysate with ZFYVE26 polyclonal antibody (Cat # PAB16701) at (A) 0.5 and (B) 1 ug/mL .

## Specification

| | |
|---|---|
| **Product Description** | Rabbit polyclonal antibody raised against synthetic peptide of ZFYVE26. |
| **Immunogen** | A synthetic peptide corresponding C-terminus to 16 amino acids of human ZFYVE26. |
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse, Rat |
| **Form** | Liquid |
| **Recommend Usage** | Western Blot (0.5-1 ug/mL)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS (0.02% sodium azide) |
| **Storage Instruction** | Store at 4°C for three months. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## Applications

- Western Blot (Tissue lysate)

  Western blot analysis of ZFYVE26 in rat heart tissue lysate with ZFYVE26 polyclonal antibody (Cat # PAB16701) at (A) 0.5 and (B) 1 ug/mL .

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — ZFYVE26

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|---|---|
| **Entrez GeneID** | 23503 |
| **Protein Accession#** | EAW80952 |
| **Gene Name** | ZFYVE26 |
| **Gene Alias** | DKFZp686F19106, DKFZp781H1112, KIAA0321, SPG15 |
| **Gene Description** | zinc finger, FYVE domain containing 26 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | 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 phosph olipids in the membrane. Mutations in this gene are associated with autosomal recessive spastic paraplegia-15. [provided by RefSeq |
| **Other Designations** | spastizin |

## Publication Reference

- Spastic paraplegia with thinning of the corpus callosum and white matter abnormalities: further mutations and relative frequency in ZFYVE26/SPG15 in the Italian population.

  Denora PS, Muglia M, Casali C, Truchetto J, Silvestri G, Messina D, Boukrhis A, Magariello A, Modoni A, Masciullo M, Malandrini A, Morelli M, de Leva MF, Villanova M, Giugni E, Citrigno L, Rizza T, Federico A, Pierallini A, Quattrone A, Filla A, Brice A, Stevanin G, Santorelli FM.

  Journal of the Neurological Sciences 2009 Feb; 277(1-2):22.

- Identification of the SPG15 gene, encoding spastizin, as a frequent cause of complicated autosomal-recessive spastic paraplegia, including Kjellin syndrome.

  Hanein S, Martin E, Boukhris A, Byrne P, Goizet C, Hamri A, Benomar A, Lossos A, Denora P, Fernandez J, Elleuch N, Forlani S, Durr A, Feki I, Hutchinson M, Santorelli FM, Mhiri C, Brice A, Stevanin G.

  American Journal of Human Genetics 2008 Apr; 82(4):992.

- Spastic paraplegia 15: linkage and clinical description of three Tunisian families.

  Boukhris A, Feki I, Denis E, Miladi MI, Brice A, Mhiri C, Stevanin G.

  Movement Disorders: Official Journal of the Movement Disorder Society 2008 Feb; 23(3):429.

## Disease

- Tobacco Use Disorder