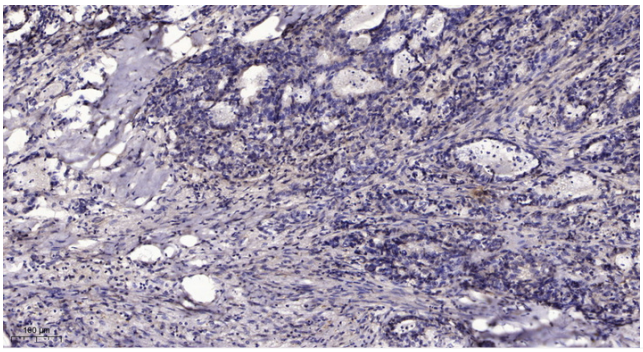
ZFY26 Polyclonal Antibody

Catalog No	YP-Ab-07340
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	IHC;IF
Gene Name	ZFYVE26 KIAA0321
Protein Name	Zinc finger FYVE domain-containing protein 26 (FYVE domain-containing centrosomal protein) (FYVE-CENT) (Spastizin)
Immunogen	Synthesized peptide derived from human protein . at AA range: 2381-2430
Specificity	ZFY26 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC-p 1:50-300. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	279kD
Cell Pathway	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.
Tissue 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.
Function	disease:Defects in ZFYVE26 are the cause of spastic paraplegia autosomal recessive type 15 (SPG15) [MIM:270700]; also known as spastic paraplegia and retinal degeneration or Kjellin syndrome. Spastic paraplegia is a neurodegenerative disorder characterized by a slow, gradual, progressive weakness and spasticity of the lower limbs. Rate of progression and the severity of symptoms are quite variable. Initial symptoms may include difficulty with balance, weakness and stiffness in the legs, muscle spasms, and dragging the toes when walking. In some forms of the disorder, bladder symptoms (such as incontinence) may appear, or the weakness and stiffness may spread to other parts of the body. SPG15 is a complex form associated with additional neurological symptoms such as cognitive deterioration or mental retardation, axonal neuropathy, mild cerebellar signs, and, less frequently, a central hea

Background	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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).