



Rabbit Anti-FENS1 antibody

SL13169R

Product Name:	FENS1
Chinese Name:	磷酸肌醇Binding protein1抗体
Alias:	FENS 1; FENS-1; FENS1; KIAA1435; Phosphoinositide binding protein 1; Phosphoinositide binding protein SR1; Phosphoinositide-binding protein 1; WD repeat and FYVE domain containing 1; WD repeat and FYVE domain-containing protein 1; WD40 and FYVE domain containing protein 1; WD40- and FYVE domain-containing protein 1; WDF1; WDFY1; WDFY1_HUMAN; ZFYVE17; Zinc finger FYVE domain containing protein 17; Zinc finger FYVE domain-containing protein 17.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	46kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FENS1:21-120/410
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	WD-repeats are motifs that are found in a variety of proteins and are characterized by a conserved core of 40-60 amino acids that commonly form a tertiary propeller structure.

While proteins that contain WD-repeats participate in a wide range of cellular functions, they are generally involved in regulatory mechanisms concerning chromatin assembly, cell cycle control, signal transduction, RNA processing, apoptosis and vesicular trafficking. WDFY1 (WD repeat and FYVE domain containing 1), also known as WDF1, FENS-1 or ZFYVE17, is a 410 amino acid protein that localizes to the early endosome and contains one FYVE-type zinc finger and seven WD repeats through which it may play a role in protein trafficking and signal transduction.

Subunit:

Binds PtdIns3P in vitro with high specificity over other phosphoinositides.

Subcellular Location:

Early endosome.

Similarity:

Contains 1 FYVE-type zinc finger.
Contains 7 WD repeats.

SWISS:

Q8IWB7

Gene ID:

57590

Database links:

[Entrez Gene: 57590](#)Human

[Entrez Gene: 69368](#)Mouse

[Entrez Gene: 301549](#)Rat

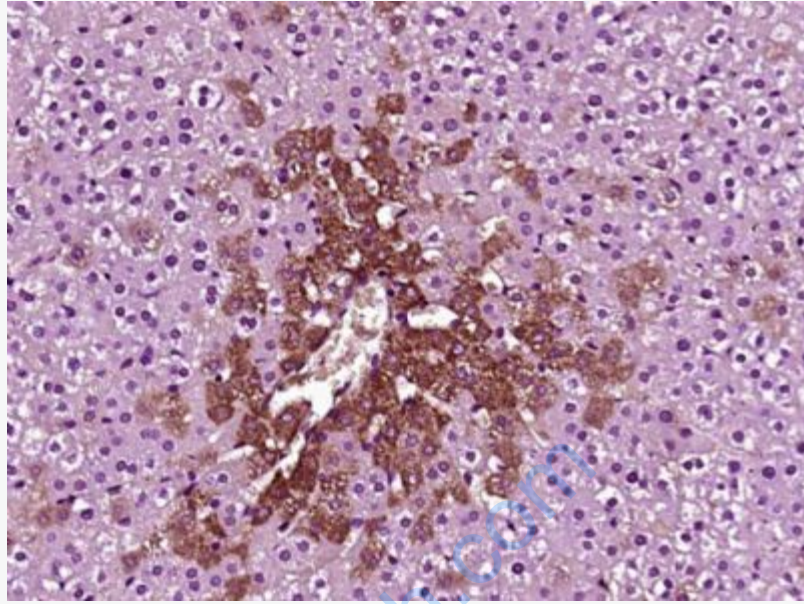
[SwissProt: Q8IWB7](#)Human

[Unigene: 368359](#)Human

[Unigene: 8557](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Picture:

Paraformaldehyde-fixed, paraffin embedded (Rat liver); 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 (FENS1) Polyclonal Antibody, Unconjugated (SL13169R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.