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FENS1 / WDFY1 Antibody (C-Term)

Peptide-affinity purified goat antibody
Catalog # AF2403a

Specification

FENS1 / WDFY1 Antibody (C-Term) - Product Information

Application	**IHC**
Primary Accession	Q8IWB7
Other Accession	NP_065881.1, 57590
Reactivity	**Human**
Predicted	**Mouse, Rat**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**46324**

FENS1 / WDFY1 Antibody (C-Term) - Additional Information

Gene ID 57590

Other Names
WD repeat and FYVE domain-containing protein 1, FENS-1, Phosphoinositide-binding protein 1, WD40- and FYVE domain-containing protein 1, Zinc finger FYVE domain-containing protein 17, WDFY1, KIAA1435, WDF1, ZFYVE17

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
FENS1 / WDFY1 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

FENS1 / WDFY1 Antibody (C-Term) - Protein Information

Name WDFY1

Function
Positively regulates TLR3- and TLR4-mediated signaling pathways by bridging the interaction between TLR3 or TLR4 and TICAM1. Promotes TLR3/4 ligand-induced activation of transcription factors IRF3 and NF-kappa-B, as well as the production of IFN-beta and inflammatory cytokines (PubMed:25736436).

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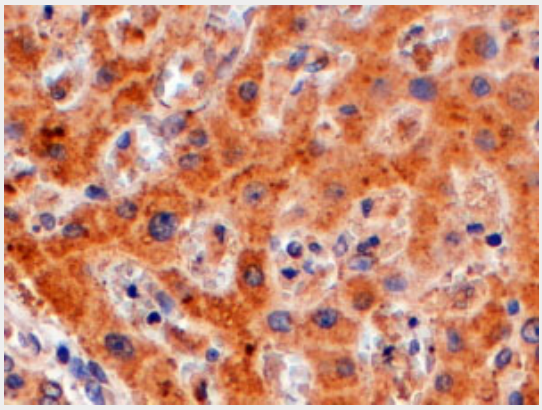
Cellular Location
Early endosome

FENS1 / WDFY1 Antibody (C-Term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

FENS1 / WDFY1 Antibody (C-Term) - Images



AF2403a (4 µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining.

FENS1 / WDFY1 Antibody (C-Term) - Background

This antibody is expected to recognise both reported isoforms (as represented by NP_065881 and NP_848127)

FENS1 / WDFY1 Antibody (C-Term) - References

FENS-1 and DFCP1 are FYVE domain-containing proteins with distinct functions in the endosomal and Golgi compartments. Ridley SH, Ktistakis N, Davidson K, Anderson KE, Manifava M, Ellson CD, Lipp P, Bootman M, Coadwell J, Nazarian A, Erdjument-Bromage H, Tempst P, Cooper MA, Thuring JW, Lim ZY, Holmes AB, Stephens LR, Hawkins PT. J Cell Sci. 2001 Nov;114(Pt 22):3991-4000. PMID: 11739631