10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

FENS1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55079

Specification

FENS1 Polyclonal Antibody - Product Information

Application	**WB, IHC-P, IHC-F, IF, ICC, E**
Primary Accession	Q8IWB7
Reactivity	**Rat, Pig, Dog, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**46324**

FENS1 Polyclonal Antibody - Additional Information

Gene ID 57590

Other Names
WD repeat and FYVE domain-containing protein 1, FYVE domain-containing protein localized to endosomes 1, FENS-1, Phosphoinositide-binding protein 1, WD40- and FYVE domain-containing protein 1, Zinc finger FYVE domain-containing protein 17, WDFY1

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 ℃ 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 ℃.

FENS1 Polyclonal Antibody - 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).

Cellular Location
Early endosome

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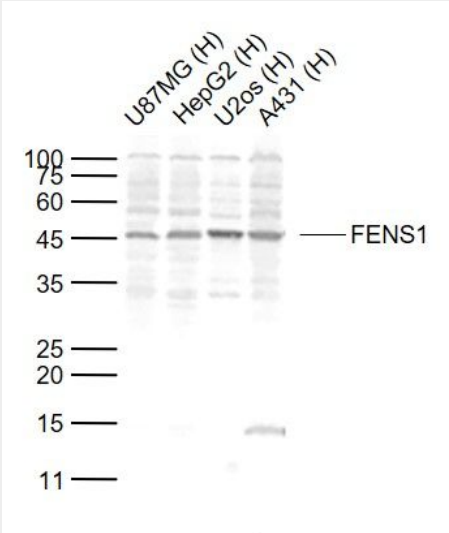
FENS1 Polyclonal Antibody - Protocols

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

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

FENS1 Polyclonal Antibody - Images



Sample:
Lane 1: U87MG (Human) Cell Lysate at 30 ug
Lane 2: HepG2 (Human) Cell Lysate at 30 ug
Lane 3: U2os (Human) Cell Lysate at 30 ug
Lane 4: A431 (Human) Cell Lysate at 30 ug
Primary:
Anti-FENS1 (bs-13169R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 46 kD
Observed band size: 46 kD

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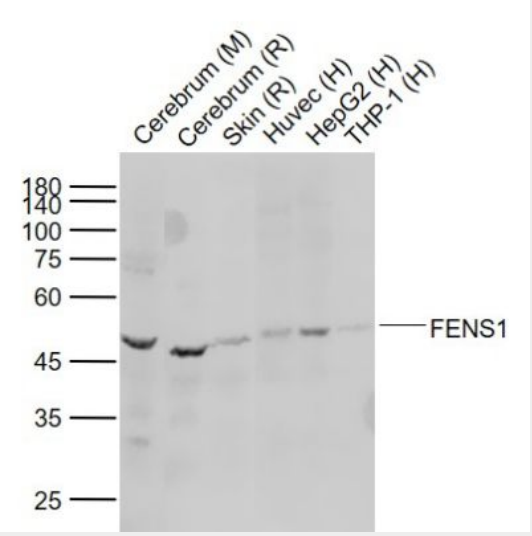
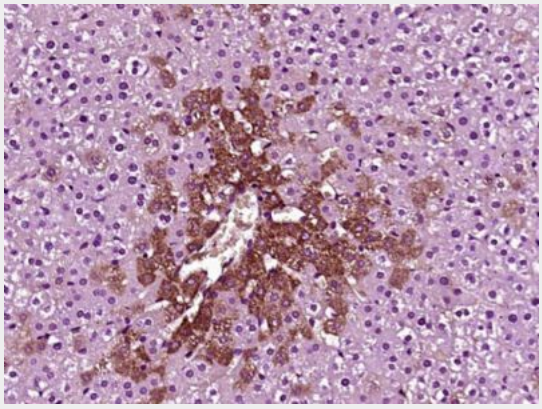


Sample:
Lane 1: Cerebrum (Mouse) Tissue Lysate at 40 ug
Lane 2: Cerebrum (Rat) Tissue Lysate at 40 ug
Lane 3: Skin (Rat) Tissue Lysate at 40 ug
Lane 4: Huvec (Human) Cell Lysate at 30 ug
Lane 5: HepG2 (Human) Cell Lysate at 30 ug
Lane 6: THP-1 (Human) Cell Lysate at 30 ug
Primary: Anti-FENS1 (bs-13169R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 46 kD
Observed band size: 48 kD



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 (bs-13169R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.