

A6757

Leader in Biomolecular Solutions for Life Science



SUFU Rabbit pAb

Catalog No.: A6757

3 Publications

Basic Information

Observed MW

55kDa

Calculated MW

54kDa

Category

Polyclonal Antibody

Applications

WB,IHC-P,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse,Rat

Background

The Hedgehog signaling pathway plays an important role in early human development. The pathway is a signaling cascade that plays a role in pattern formation and cellular proliferation during development. This gene encodes a negative regulator of the hedgehog signaling pathway. Defects in this gene are a cause of medulloblastoma. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:100 - 1:500

IF/ICC 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

51684

Swiss Prot

Q9UMX1

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

SUFUH; JBTS32; SUFUXL; PRO1280; SUFU

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

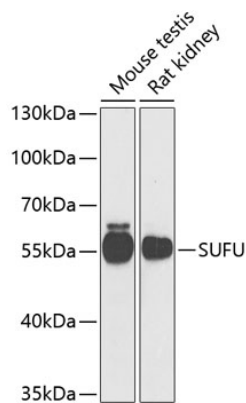
Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

Contact

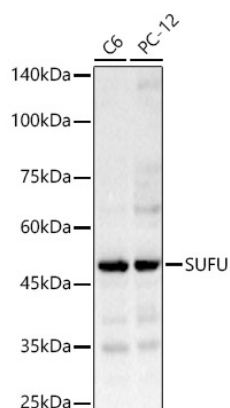


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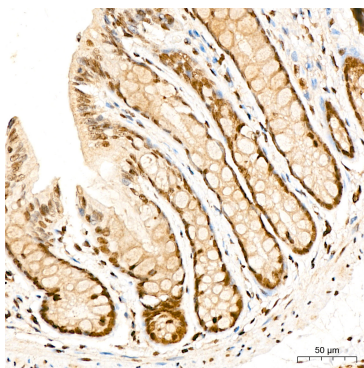
Validation Data



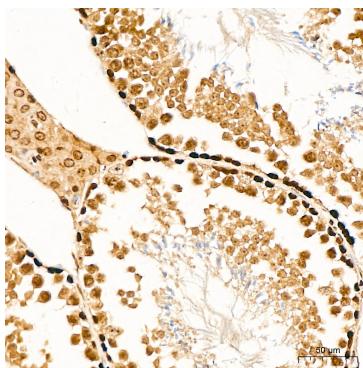
Western blot analysis of various lysates using SUFU Rabbit pAb (A6757) at 1:1000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 90s.



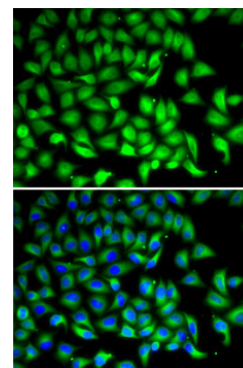
Western blot analysis of various lysates, using SUFU Rabbit pAb (A6757) at 1:1000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Enhanced Kit (RM00021).
 Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded Mouse colon tissue using SUFU Rabbit pAb (A6757) at a dilution of 1:400 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse testis tissue using SUFU Rabbit pAb (A6757) at a dilution of 1:400 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of MCF7 cells using SUFU Rabbit pAb (A6757). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.