

SUFU polyclonal antibody

Catalog: BS8416

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Su(fu) (for Suppressor-of-Fused) is a key negative regulator in the vertebrate Hedgehog signaling pathway. Su(fu) interacts with genes encoding proteins in this signal transduction pathway. In *Drosophila*, Intracellular transduction of the Hedgehog pathway involves the release of a large complex containing Su(fu). Su(fu) inhibits the activity of the transcription factor Gli1 and interacts with Gli2, Gli3 and the serine/threonine kinase Fused. Su(fu) is widely expressed in adult and embryonic tissues with higher expression in tissues patterned by hedgehog signaling. The Su(fu) gene locus maps to a region that is deleted in glioblastomas, prostate cancer, malignant melanoma and endometrial cancer.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 54 kDa

Swiss-Prot:

Q9UMX1

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:2000

IHC-P/IF/ICC: 1:50~1:200

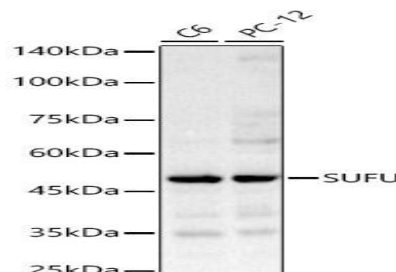
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

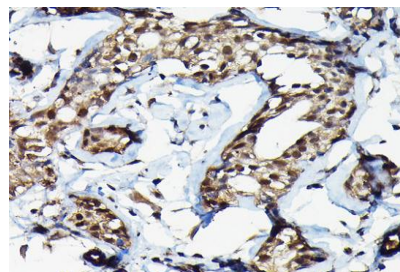
Specificity:

SUFU polyclonal antibody detects endogenous levels of SUFU protein.

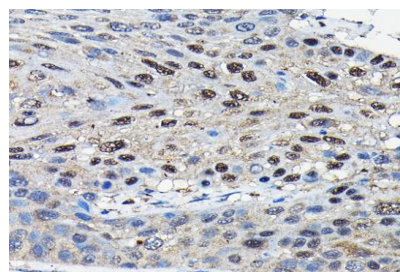
DATA:



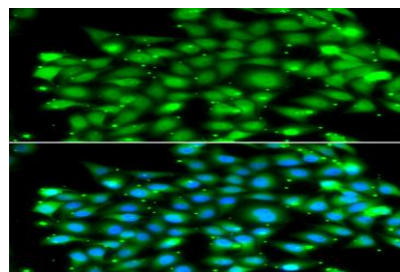
Western blot analysis of various lysates, using SUFU pAb at 1:1000 dilution.



Immunohistochemistry analysis of paraffin-embedded human breast cancer using SUFU pAb at dilution of 1:100 (40x lens).



Immunohistochemistry analysis of paraffin-embedded human esophageal cancer using SUFU pAb at dilution of 1:100 (40x lens).



Immunofluorescence analysis of MCF-7 cells using SUFU antibody.

Note:

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PRODUCT DATA SHEET

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For research use only, not for use in diagnostic procedure.

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