

## Anti-SUFU antibody

<b>Cat. No.</b>	ml221415
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-SUFU rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Fusion protein of human SUFU
<b>Reactivity</b>	Human, Mouse
<b>Content</b>	0.1 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	SUFU
<b>Full name</b>	Suppressor of fused homolog (Drosophila)

**Synonyms** SUFUH; SUFUXL; PRO1280

**Swissprot** Q9UMX1

### **Target 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.

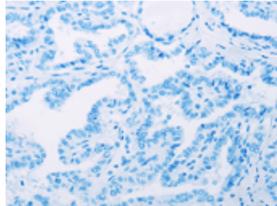
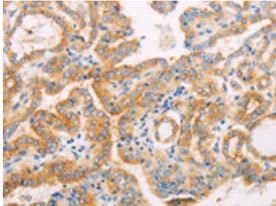
## Applications

### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 15-50

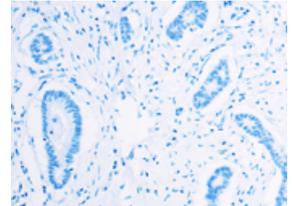
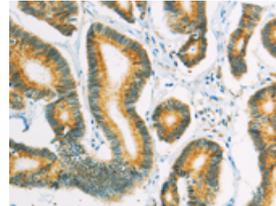


The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml221415(SUFU Antibody) at dilution 1/10, on the right is treated with fusion protein. (Original magnification: ×200)

Predicted cell location: Cytoplasm

Positive control: Human colon cancer

Recommended dilution: 15-50



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ml221415(SUFU Antibody) at dilution 1/10, on the right is treated with fusion protein. (Original magnification: ×200)

### Western blotting

Predicted band size: 54 kDa

Positive control: Jurkat cells

Recommended dilution: 200-1000

订购热线: 4008-898-798

Gel: 10%SDS-PAGE

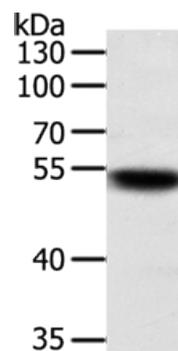
Lysate: 50  $\mu$ g

Lane: Jurkat cells

Primary antibody: ml221415(SUFU Antibody) at dilution 1/100

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 10 seconds



#### ELISA

Recommended dilution: 1000-2000

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