

# Anti-SEPT10 antibody

**Cat. No.** ml225058

**Package** 25 μl/100 μl/200 μl

**Storage** -20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

**Product overview** 

**Description** Anti-SEPT10 rabbit polyclonal antibody

Applications ELISA, WB, IHC

**Immunogen** Fusion protein of human SEPT10

Reactivity Human, Mouse, Rat

Content 0.9 mg/ml

Host species Rabbit

Ig class Immunogen-specific rabbit IgG

Purification Antigen affinity purification

**Target information** 

Symbol SEPT10

Full name septin 10



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Swissprot Q9P0V9

## **Target Background**

This gene encodes a member of the septin family of cytoskeletal proteins with GTPase activity. This protein localizes to the cytoplasm and nucleus and displays GTP-binding and GTPase activity. A pseudogene for this gene is located on chromosome 8. Alternative splicing results in multiple transcript variants.



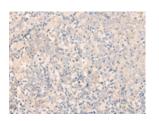
## **Applications**

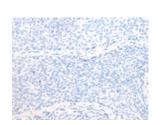
#### **Immunohistochemistry**

Predicted cell location: Cytoplasm

Positive control: Human cervical cancer

Recommended dilution: 50-300





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The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ml225058(SEPT10 Antibody) at dilution 1/45, on the right is treated with fusion protein. (Original magnification: ×200)

#### Western blotting

Predicted band size:53 kDa

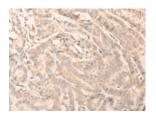
Positive control:Human fetal liver tissue lysate

Recommended dilution: 200-1000

Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 50-300





The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml225058(SEPT10 Antibody) at dilution 1/45, on the right is treated with fusion protein. (Original magnification: ×200)



Gel: 8%SDS-PAGE

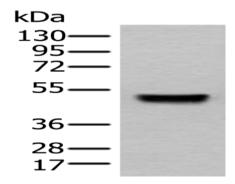
Lysate: 40 µg

Lane: Human fetal liver tissue lysate

Primary antibody: ml225058(SEPT10 Antibody) at dilution 1/350

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

Exposure time: 80 seconds



### **ELISA**

Recommended dilution: 5000-10000

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