

Anti-SEPT7 antibody

Cat. No.	ml222079
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-SEPT7 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human SEPT7
Reactivity	Human, Mouse, Rat
Content	0.6 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	SEPT7
Full name	septin 7

Synonyms CDC3; CDC10; SEPT7A; NBLA02942

Swissprot Q16181

Target Background

This gene encodes a protein that is highly similar to the CDC10 protein of *Saccharomyces cerevisiae*. The protein also shares similarity with Diff 6 of *Drosophila* and with H5 of mouse. Each of these similar proteins, including the yeast CDC10, contains a GTP-binding motif. The yeast CDC10 protein is a structural component of the 10 nm filament which lies inside the cytoplasmic membrane and is essential for cytokinesis. This human protein functions in gliomagenesis and in the suppression of glioma cell growth, and it is required for the association of centromere-associated protein E with the kinetochore. Alternative splicing results in multiple transcript variants. Several related pseudogenes have been identified on chromosomes 5, 7, 9, 10, 11, 14, 17 and 19

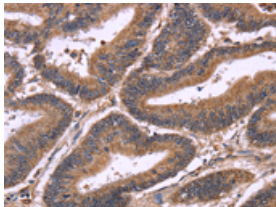
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human colon cancer

Recommended dilution: 100-300

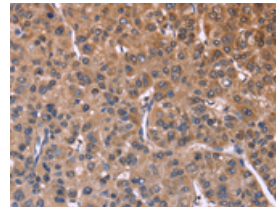


The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ml222079(SEPT7 Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 100-300



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml222079(SEPT7 Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 51 kDa

Positive control: Hela cells

Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

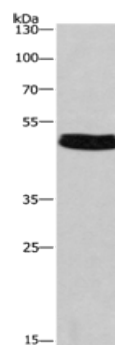
Lysate: 40 μ g

Lane: HeLa cells

Primary antibody: ml222079(SEPT7 Antibody) at dilution 1/430

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

Exposure time: 30 seconds



ELISA

Recommended dilution: 2000-5000

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