

SEPT7 Antibody

Catalog No: #47243



Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

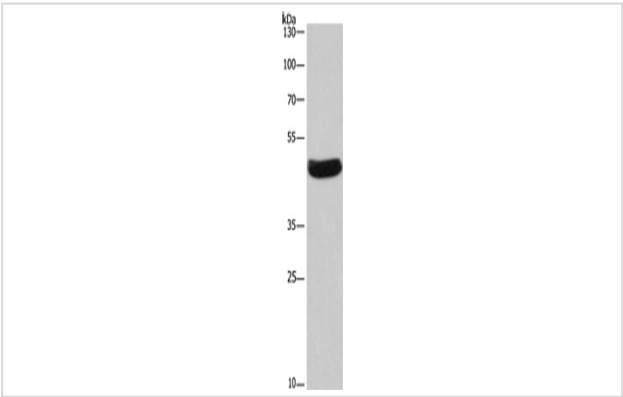
Description

Product Name	SEPT7 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB, IHC
Species Reactivity	Hu, Ms, Rt
Specificity	The antibody detects endogenous levels of total SEPT7 protein.
Immunogen Type	Peptide
Immunogen Description	Fusion protein of human SEPT7
Target Name	7-Sep
Other Names	CDC3; CDC10; SEPT7A; NBLA02942
Accession No.	Swiss-Prot#:Q16181NCBI Gene ID:989Gene Accssion:BC067264
Uniprot	Q16181
GeneID	989;
Calculated MW	51 kDa
Concentration	0.5
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

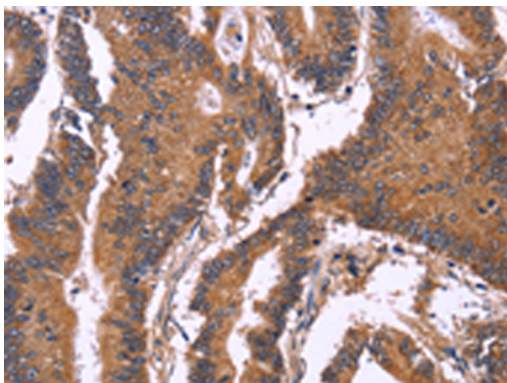
Application Details

WB dilution:1:500-2000
IHC dilution:1: 100-300

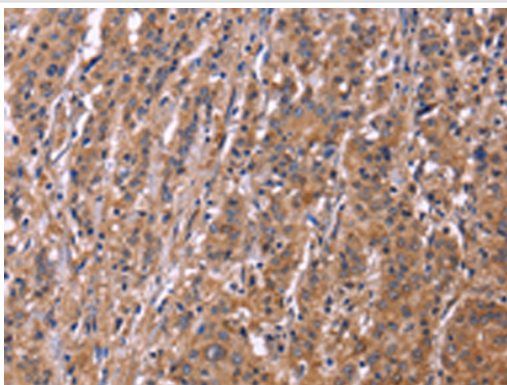
Images



Gel: 8%SDS-PAGE, Lysate: 40 µg, Lane: Hela cells, Primary antibody:47243(SEPT7 Antibody) at dilution 1/380, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 30 seconds



The image is immunohistochemistry of paraffin-embedded Human colon cancer tissue using 47243(SEPT7 Antibody) at dilution 1/50.(Original magnification: 200)



The image is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using 47243(SEPT7 Antibody) at dilution 1/50.(Original magnification: 200)

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

Note: This product is for in vitro research use only