

Septin 7 Rabbit pAb

Catalog No.: A6883

Basic Information

Observed MW

51kDa

Calculated MW

51kDa

Category

Primary antibody

Applications

WB, IHC-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

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.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

989

Swiss Prot

Q16181

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

CDC3; CDC10; SEPT7; SEPT7A; NBLA02942; Septin 7

Contact

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Product Information

Source

Rabbit

Isotype

IgG

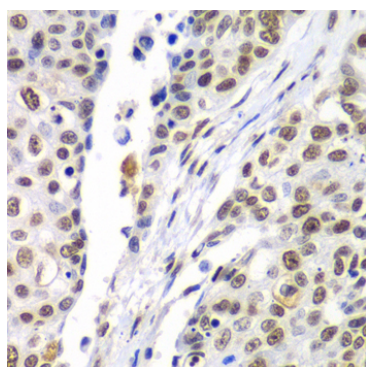
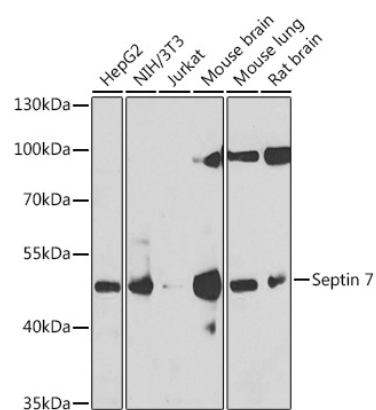
Purification

Affinity purification

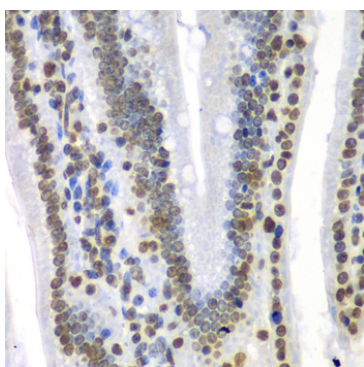
Storage

Store at -20°C

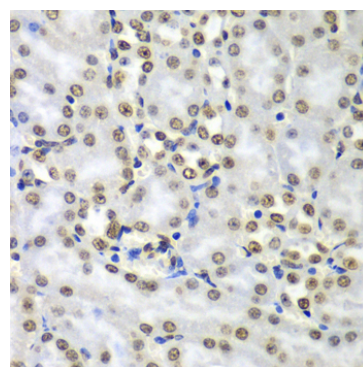
Validation Data



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Septin 7 Rabbit pAb (A6883) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse Intestine using Septin 7 Rabbit pAb (A6883) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney using Septin 7 Rabbit pAb (A6883) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.