

Rabbit SEPT7 Polyclonal Antibody | anti-SEPT7 antibody

SEPT7 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA10767	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

SEPT7; Polyclonal Antibody; SEPT7 Polyclonal Antibody; CDC3; CDC10; SEPT7A; NBLA02942; anti-SEPT7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	437
Applicable Applications for anti-SEPT7 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:1000 - 1:2000 IHC: 1:50 - 1:200 IF: 1:50 - 1:100
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human SEPT7
Calculated Molecular Weight	50kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using SEPT7 antibody.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using SEPT7 antibody at dilution of 1:100 (40x lens).

**IHC (Immunohistochemistry)**

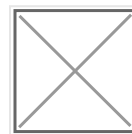
Immunohistochemistry of paraffin-embedded mouse Intestine using SEPT7 antibody at dilution of 1:100 (40x lens).

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human lung cancer using SEPT7 antibody at dilution of 1:100 (40x lens).

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded rat Intestine using SEPT7 antibody at dilution of 1:100 (40x lens).

**WB (Western Blot)**

Western blot analysis of extracts of various cell lines, using SEPT7 antibody. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-SEPT7 antibody	This gene encodes a protein that is highly similar to the CDC10 protein of <i>Saccharomyces cerevisiae</i> . The protein also shares similarity with Diff 6 of <i>Drosophila</i> 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.
Product Categories/Family for anti-SEPT7 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	67472677
NCBI GeneID	989
UniProt Accession #	Q16181; Q52M76; Q6NX50
Molecular Weight	437
NCBI Official Full Name	Septin-7
NCBI Official Synonym Full Names	septin 7
NCBI Official Symbol	SEPT7
NCBI Official Synonym Symbols	CDC3; CDC10; SEPT7A; NBLA02942
NCBI Protein Information	septin-7; septin 7 variant 4; CDC10 protein homolog; CDC10 (cell division cycle 10, <i>S. cerevisiae</i> , homolog)
UniProt Protein Name	Septin-7
UniProt Gene Name	SEPT7
UniProt Synonym Gene Names	CDC10
UniProt Entry Name	SEPT7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sept7-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/10767>