Rabbit anti-Human, Mouse Septin 7 Polyclonal Antibody | anti-SEPT7 antibody

Rabbit anti-Septin 7 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212548	**Rabbit**	**Human, Mouse**	**Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

Septin 7; Polyclonal Antibody; Rabbit anti-Septin 7 Antibody; Affinity Purified; CDC10 (cell division cycle 10; S. cerevisiae; homolog); septin-7; septin 7 variant 4; SEPT7A; CDC10 protein homolog; CDC10; NBLA02942; CDC3; Septin-7; septin 7; anti-SEPT7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-SEPT7 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Bovine, Orangutan, Chimpanzee
Immunogen	Between 75 and 125
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES

WB (Western Blot)
Detection of human and mouse Septin 7 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells. Antibodies: Affinity purified rabbit anti-Septin 7 antibody AAA212548 (lot AAA212548-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

IP (Immunoprecipitation)
Detection of human Septin 7 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-Septin 7 antibody AAA212548 (lot AAA212548-1) used for IP at 6 ug/mg lysate. Septin 7 was also immunoprecipitated by rabbit anti-Septin 7 antibody For blotting immunoprecipitated Septin 7, AAA212548 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-SEPT7 antibody	Septin 7 is a filament-forming cytoskeletal GTPase. Septin 7 is required for normal organization of the actin cytoskeleton and progress through mitosis. Septin 7 is involved in cytokinesis and is required for normal association of CENPE with the kinetochore. It also plays a role in ciliogenesis and collective cell movement [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q16181].

Product Categories/Family for anti-SEPT7 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	148352331
NCBI GeneID	989
NCBI Accession #	NP_001779.3
NCBI GenBank Nucleotide #	NM_001788.5
UniProt Accession #	Q16181; Q52M76; Q6NX50
Molecular Weight	50,680 Da
NCBI Official Full Name	septin-7 isoform 1
NCBI Official Synonym Full Names	septin 7
NCBI Official Symbol	SEPT7
NCBI Official Synonym Symbols	CDC3; CDC10; SEPT7A; NBLA02942
NCBI Protein Information	septin-7; CDC10 protein homolog; CDC10 (cell division cycle 10, S. cerevisiae, 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/septin-7-antibody-immunoprecipitation-western-blot-elisa/212548