

Rabbit SEPT1 Polyclonal Antibody | anti-SEPT1 antibody

SEPT1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39922	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

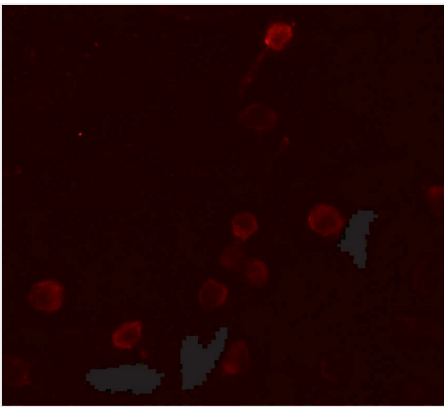
PRODUCT SYNONYMS

SEPT1; Polyclonal Antibody; SEPT1 Antibody; LARP; SEP1; DIFF6; PNUTL3; Septin-1; septin 1; anti-SEPT1 antibody

PRODUCT SPECIFICATIONS

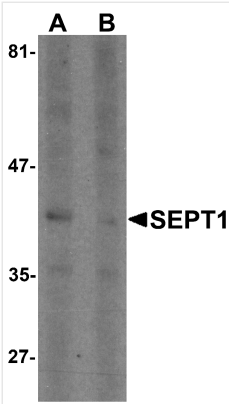
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	At least two isoforms of SEPT1 are known to exist. This antibody is predicted to not cross-react with other Septin protein family members.
Purity/Purification	SEPT1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	414
Applicable Applications for anti-SEPT1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	SEPT1 antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human SEPT1.
Buffer	SEPT1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	SEPT1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of SEPT1 in Raji cells with SEPT1 antibody at 20 μg/mL.

ICC (Immunocytochemistry)
Immunocytochemistry of SEPT1 in Raji cells with SEPT1 antibody at 5 μg/mL.



WB (Western Blot)
Western blot analysis of SEPT1 in Raji cell lysate with SEPT1 antibody at 1 μg/ml in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SEPT1 antibody

SEPT1 Antibody: SEPT1 (also known as Septin 1), is a member of the septin family of GTPases. Members of this family are required for cytokinesis and the maintenance of cellular morphology. SEPT1 was initially identified through yeast two-hybrid screening as an interaction partner for the serine/threonine kinase Aurora-B. During mitosis, SEPT1 localizes to the spindle pole, suggesting that it may play a role in cytokinesis and chromosome congression.

NCBI AND UNIPROT INFORMATION

NCBI GI #	431822382
NCBI GeneID	1731
NCBI Accession #	NP_443070
NCBI GenBank Nucleotide #	NM_052838.4
UniProt Accession #	Q8WYJ6; Q658T1; Q8NEZ1; Q96EL4; Q9H285; B4DVE6
Molecular Weight	18,354 Da
NCBI Official Full Name	septin-1
NCBI Official Synonym Full Names	septin 1
NCBI Official Symbol	SEPT1

NCBI Official Synonym Symbols	LARP; SEP1; DIFF6; PNUTL3
NCBI Protein Information	septin-1; peanut-like protein 3; serologically defined breast cancer antigen NY-BR-24; differentiation 6 (deoxyguanosine triphosphate triphosphohydrolase)
UniProt Protein Name	Septin-1
UniProt Gene Name	SEPT1
UniProt Synonym Gene Names	DIFF6; PNUTL3
UniProt Entry Name	SEPT1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/sept1-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/39922>