

Datasheet for ABIN6991703
anti-Septin 1 antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	Septin 1 (SEPT1)
Binding Specificity:	AA 300-350, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Septin 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	SEPT1 antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human SEPT1. The immunogen is located within amino acids 300 - 350 of SEPT1.
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.
Purification:	SEPT1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	Septin 1 (SEPT1)
Alternative Name:	SEPT1 (SEPT1 Products)

Target Details

Background: 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.

Gene ID: 1731

NCBI Accession: [NP_443070](#)

UniProt: [Q8WYJ6](#)

Application Details

Application Notes: SEPT1 antibody can be used for detection of SEPT1 by Western blot at 1 µg/mL. Antibody can also be used for immunocytochemistry starting at 5 µg/mL. For immunofluorescence start at 5 µg/mL.

Antibody validated: Western Blot in human samples, Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: SEPT1 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: SEPT1 antibody can be stored at 4°C for three months and -20°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.