

Septin 9 Rabbit pAb

Catalog No.: A8657 **1 Publications**

Basic Information

Observed MW

75kDa

Calculated MW

65kDa

Category

Primary antibody

Applications

ELISA,WB,IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

This gene is a member of the septin family involved in cytokinesis and cell cycle control. This gene is a candidate for the ovarian tumor suppressor gene. Mutations in this gene cause hereditary neuralgic amyotrophy, also known as neuritis with brachial predilection. A chromosomal translocation involving this gene on chromosome 17 and the MLL gene on chromosome 11 results in acute myelomonocytic leukemia. Multiple alternatively spliced transcript variants encoding different isoforms have been described.

Recommended Dilutions

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

10801

Swiss Prot

Q9UHD8

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-110 of human Septin 9 (NP_001106964.1).

Synonyms

MSF; MSF1; NAPB; SEPT9; SINT1; PNUTL4; SeptD1; AF17q25; Septin 9

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

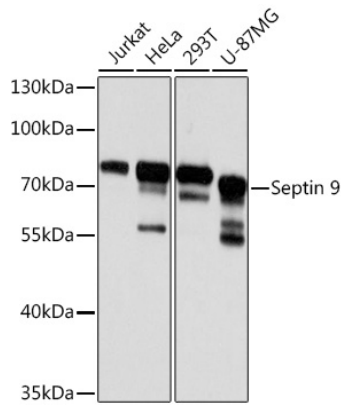
Affinity purification

Storage

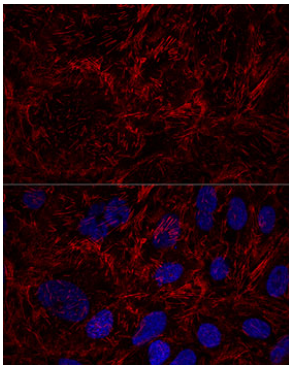
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using Septin 9 antibody (A8657) at 1:3000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 5s.



Confocal immunofluorescence analysis of U2OS cells using Septin 9 Polyclonal Antibody (A8657) at dilution of 1:100. Blue: DAPI for nuclear staining.