

Datasheet for ABIN954726

anti-Septin 2 antibody (C-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	0.4 mL
Target:	Septin 2 (SEPT2)
Binding Specificity:	AA 279-309, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Septin 2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 279-309 amino acids from the C-terminal region of Human SEPT2 Gene name: SEPT2
Isotype:	Ig Fraction
Specificity:	Recognizes SEPT2 (C-term).
Purification:	Protein A column followed by peptide Affinity purification

Target Details

Target:	Septin 2 (SEPT2)
Alternative Name:	Septin-2 (SEPT2 Products)
Background:	Filament-forming cytoskeletal GTPase. Required for normal organization of the actin

Target Details

cytoskeleton. Plays a role in the biogenesis of polarized columnar-shaped epithelium by maintaining polyglutamylated microtubules, thus facilitating efficient vesicle transport, and by impeding MAP4 binding to tubulin. Required for the progression through mitosis. Forms a scaffold at the midplane of the mitotic spindle required to maintain CENPE localization at kinetochores and consequently chromosome congression. During anaphase, may be required for chromosome segregation and spindle elongation. May play a role in the internalization of 2 intracellular microbial pathogens, *Listeria monocytogenes* and *Shigella flexneri*. Synonyms: DIFF6, KIAA0158, NEDD-5, NEDD5, Neural precursor cell expressed developmentally down-regulated protein 5, SEPT-2, SEPT2, Septin2

Gene ID: 4735

NCBI Accession: [NP_001008491](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) Sodium Azide as preservative

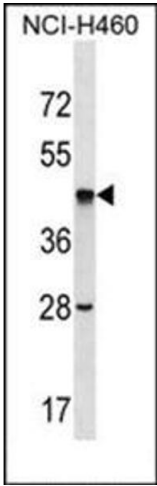
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of AP53852PU-N SEPT2 Antibody (C-term) Cat.-No AP53852PU-N in NCI-H460 cell line lysates (35ug/lane). This demonstrates the SEPT2 antibody detected the SEPT2 protein (arrow).