

Datasheet for ABIN954727

anti-Septin 5 antibody (N-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	0.4 mL
Target:	Septin 5 (SEPT5)
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Septin 5 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of Human SEPT5 Gene name: SEPT5
Isotype:	Ig Fraction
Specificity:	Recognizes SEPT5 (N-term).
Purification:	Protein A column followed by peptide Affinity purification

Target Details

Target:	Septin 5 (SEPT5)
Alternative Name:	Septin-5 (SEPT5) (SEPT5 Products)
Background:	This gene is a member of the septin gene family of nucleotide binding proteins, originally

Target Details

described in yeast as cell division cycle regulatory proteins. Septins are highly conserved in yeast, Drosophila, and mouse and appear to regulate cytoskeletal organization. Disruption of septin function disturbs cytokinesis and results in large multinucleate or polyploid cells. This gene is mapped to 22q11, the region frequently deleted in DiGeorge and velocardiofacial syndromes. A translocation involving the MLL gene and this gene has also been reported in patients with acute myeloid leukemia. Alternative splicing results in multiple transcript variants. The presence of a non-consensus polyA signal (AACAAAT) in this gene also results in read-through transcription into the downstream neighboring gene (GP1BB, platelet glycoprotein Ib), whereby larger, non-coding transcripts are produced. [provided by RefSeq].Synonyms: CDCrel-1, Cell division control-related protein 1, PNUTL1, Peanut-like protein 1

Gene ID: 5413

NCBI Accession: [NP_002679](#)

Pathways: [Synaptic Vesicle Exocytosis](#)

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

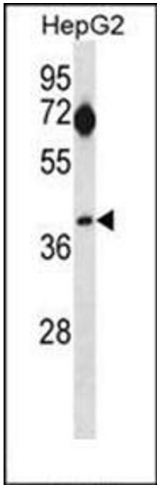
Preservative: Sodium azide

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 SEPT5 Antibody (N-term) Cat.-No AP53853PU-N in HepG2 cell line lysates (35ug/lane). This demonstrates the SEPT5 antibody detected the SEPT5 protein (arrow).