

[Go to Product page](#)

Datasheet for ABIN872829 **anti-Septin 5 antibody (AA 21-120)**

Overview

Quantity:	100 µL
Target:	Septin 5 (SEPT5)
Binding Specificity:	AA 21-120
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Septin 5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CDCREL/SEPT5
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Cow,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	Septin 5 (SEPT5)
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Target Details

Alternative Name:	Septin5 (SEPT5 Products)
Background:	<p>Synonyms: 5 Sep, CDCrel 1, CDCREL, CDCrel-1, CDCREL1, Cell division control related protein 1, Cell division control-related protein 1, H5 antibody HCDCREL 1, Peanut like 1, Peanut like 1 homolog, Peanut like protein 1, Peanut-like protein 1, Platelet glycoprotein Ib beta chain, PNUTL1, SEPT5, SEPT-5, SEPT 5, SEPT5_HUMAN, Septin 5, Septin5, Septin-5.</p> <p>Background: This gene is a member of the septin gene family of nucleotide binding proteins, originally 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 (ACAAT) 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, Dec 2010].</p>
Gene ID:	5413
UniProt:	Q99719
Pathways:	Synaptic Vesicle Exocytosis

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL

Handling

Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months