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Datasheet for ABIN5010389

anti-Septin 5 antibody (AA 21-120) (AbBy Fluor® 680)

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 conjugated to AbBy Fluor® 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

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)
Alternative Name:	Septin5 (SEPT5 Products)

Target Details

Background: 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.

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 (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, Dec 2010].

Gene ID: 5413

UniProt: [Q99719](#)

Pathways: [Synaptic Vesicle Exocytosis](#)

Application Details

Application Notes: 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

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months