

SEPT5

Reactivity: Human Mouse Rat

Tested applications: WB IHC IP

Recommended Dilution: WB 1:200 - 1:2000 IHC 1:20 - 1:200 IP 1:20 - 1:50

Calculated MW: 43kDa

Observed MW: Refer to figures

Immunogen:

A synthetic Peptide of human SEPT5

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

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Synonym:

H5; CDCREL; PNUTL1; CDCREL1; CDCREL-1; HCDREL-1;

Catalog #: A4029

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5413

Isotype: IgG

Swiss Prot: Q99719

Purity: Affinity purification

For research use only.

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.

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