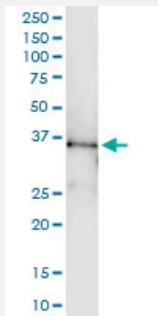


SEPT5 (Human) IP-WB Antibody Pair

Catalog # H00005413-PW1

Size 1 Set

Applications



Immunoprecipitation of SEPT5 transfected lysate using rabbit polyclonal anti-SEPT5 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-SEPT5.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98%)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of SEPT5 transfected lysate using rabbit polyclonal anti-SEPT5 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-SEPT5.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-SEPT5 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-SEPT5 (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — SEPT5

Entrez GeneID [5413](#)

Gene Name SEPT5

Gene Alias CDCREL, CDCREL-1, CDCREL1, H5, PNUTL1

Gene Description septin 5

Omim ID [602724](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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. Two transcripts of this gene, a major one of 2.2 kb and a minor one of 3.5 kb, have been observed. The 2.2 kb form results from the utilization of a non-consensus polyA signal (AACAAT). In the absence of polyadenylation from this imperfect site, the consensus polyA signal of the downstream neighboring gene (GP1BB; platelet glycoprotein Ib) is used, resulting in the 3.5 kb transcript. An alternatively spliced transcript variant with a different 5' end has also been identified, but its full-length nature has not been completely determined. [provided by RefSeq]

Other Designations cell division control related protein 1|peanut-like 1|platelet glycoprotein Ib beta chain