

Immunotag™ Septin 5 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT4249
Product Description	Immunotag™ Septin 5 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Septin 5
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from Septin 5, at AA range: 180-260
Specificity	Septin 5 Polyclonal Antibody detects endogenous levels of Septin 5 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	SEPT5
Accession No.	Q99719 Q9Z2Q6 Q9JJM9
Alternate Names	SEPT5; PNUTL1; Septin-5; Cell division control-related protein 1; CDCrel-1; Peanut-like protein 1

Antibody Specification

Description	septin 5(SEPT5) Homo sapiens 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],
Cell Pathway/ Category	Parkinson's disease,
Protein Expression	Brain,Cajal-Retzius cell,Fetal brain cortex,Heart,Lung,Platelet,
Subcellular Localization	cytoskeleton,plasma membrane,cell cortex,synaptic vesicle,terminal bouton,
Protein Function	function:Involved in cytokinesis .,similarity:Belongs to the septin family.,subunit:May assemble into a multicomponent structure.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.