

Immunotag™ Septin 3 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT4248
Product Description	Immunotag™ Septin 3 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 3
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from Septin 3, at AA range: 110-190
Specificity	Septin 3 Polyclonal Antibody detects endogenous levels of Septin 3 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	SEPT3
Accession No.	Q9UH03 Q9Z1S5 Q9WU34
Alternate Names	SEPT3; SEP3; Neuronal-specific septin-3
Description	septin 3(SEPT3) Homo sapiens This gene belongs to the septin family of GTPases. Members of this family are required for cytokinesis. Expression is upregulated by retinoic acid in a human teratocarcinoma cell line. The specific function of this gene has not been determined. Alternative splicing of this gene results in two transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008],

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Protein Expression	Amygdala,Brain,
Subcellular Localization	cytoplasm,cytoskeleton,cell junction,synapse,
Protein Function	function:Involved in cytokinesis .,induction:Up-regulated during neuronal differentiation.,PTM:Phosphorylated by PKG on serine residues. Phosphorylated by PKG on Ser-91.,similarity:Belongs to the septin family.,subcellular location:Localizes in synaptosomes at dendritic synapses of neurons. Localizes within presynaptic terminals of neurons.,subunit:May assemble into a multicomponent structure.,tissue specificity:Brain specific.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.