



Rabbit Anti-Septin 3 antibody

SL7774R

Product Name:	Septin 3
Chinese Name:	神经元特异性蛋白3抗体
Alias:	Neuronal specific septin 3; Neuronal-specific septin-3; SEP 3; SEP3; SEPT 3; sept3; SEPT3 protein; SEPT3_HUMAN; Septin3.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	41kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Septin 3:51-150/358
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Function: Filament-forming cytoskeletal GTPase (By similarity). May play a role in cytokinesis (Potential).

Subunit:

Septins polymerize into heterooligomeric protein complexes that form filaments, and can associate with cellular membranes, actin filaments and microtubules. GTPase activity is required for filament formation (By similarity).

Subcellular Location:

Cytoplasm. Cytoplasm, cytoskeleton (By similarity). Cell junction, synapse (By similarity).

Tissue Specificity:

Brain-specific.

Post-translational modifications:

Phosphorylated by PKG on serine residues. Phosphorylated by PKG on Ser-91 (By similarity).

SWISS:

Q9UH03

Gene ID:

55964

Database links:

UniProtKB/Swiss-Prot: Q9UH03.3

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.