



## Rabbit Anti-Septin 3 antibody

SL7774R

<b>Product Name:</b>	Septin 3
<b>Chinese Name:</b>	神经元特异性蛋白3抗体
<b>Alias:</b>	Neuronal specific septin 3; Neuronal-specific septin-3; SEP 3; SEP3; SEPT 3; sept3; SEPT3 protein; SEPT3_HUMAN; Septin3.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep,
<b>Applications:</b>	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.
<b>Molecular weight:</b>	41kDa
<b>Cellular localization:</b>	cytoplasmicThe cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human Septin 3:51-150/358
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<b>Function:</b> 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.