SunLong Biotech Co.,LTD
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Rabbit Anti-SNPH/AP Conjugated antibody

SL12655R-AP

Product Name	Anti-SNPH/AP
Chinese Name	碱性磷酸酶（AP）标记的伸展蛋白 SNPH 抗体
Alias	bA314N13.5; KIAA0374; Snph; SNPH_HUMAN; Syntaphilin.
Research Area	Cell biology Neurobiology Signal transduction
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse(predicted:Human,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep)
Applications	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	53kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human SNPH
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	**background:** Syntaxin-1, synaptobrevin/VAMP, and SNAP25 interact to form the SNARE complex, which is required for synaptic vesicle docking and fusion. The protein encoded by this gene is membrane-associated and inhibits SNARE complex formation by binding free syntaxin-1. Expression of this gene appears to be brain-specific. [provided by RefSeq, Jul 2008] **Function:** Inhibits SNARE complex formation by absorbing free syntaxin-1.

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Subcellular Location:
Membrane. Cell junction, synapse, synaptosome.

Tissue Specificity:
Brain specific. Found in synapses.

Database links:

Entrez Gene: 9751 Human

Entrez Gene: 241727 Mouse

Entrez Gene: 296267 Rat

Omim: 604942 Human

SwissProt: O15079 Human

SwissProt: Q80U23 Mouse

SwissProt: B5DF41 Rat

Unigene: 323833 Human

Unigene: 39312 Mouse

Unigene: 133817 Rat

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