

Datasheet

SNPH polyclonal antibody

Catalog Number: PAB13380

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of SNPH.

Immunogen: A synthetic peptide corresponding to internal region 16 amino acids of human SNPH.

Host: Rabbit

Reactivity: Human, Mouse, Rat

Applications: IHC-P, WB-Ti

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Recommend Usage: Western Blot (1-2 ug/mL)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.02% sodium azide)

Storage Instruction: Store at 4°C for three months. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 9751

Gene Symbol: SNPH

Gene Alias: KIAA0374, MGC46096, bA314N13.5

Gene Summary: 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]

References:

1. Docking of axonal mitochondria by syntaphilin controls their mobility and affects short-term facilitation. Kang JS, Tian JH, Pan PY, Zald P, Li C, Deng C, Sheng ZH. Cell. 2008 Jan 11;132(1):137-48.
2. Syntaphilin binds to dynamin-1 and inhibits dynamin-dependent endocytosis. Das S, Gerwin C, Sheng ZH. J Biol Chem. 2003 Oct 17;278(42):41221-6. Epub 2003 Aug 1.
3. Syntaphilin: a syntaxin-1 clamp that controls SNARE assembly. Lao G, Scheuss V, Gerwin CM, Su Q, Mochida S, Rettig J, Sheng ZH. Neuron. 2000 Jan;25(1):191-201.