

**bs-1905R****[ Primary Antibody ]****Synphilin-1 Rabbit pAb**

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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>ELISA</b> (1:5000-10000)  <b>Reactivity:</b> Rat (predicted: Human, Mouse, Rabbit, Pig, Sheep, Cow, Chicken, Dog, GuineaPig, Horse)  <b>Predicted MW.:</b> 100 kDa  <b>Subcellular Location:</b> Cytoplasm
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 9627	<b>SWISS:</b> Q9Y6H5	
<b>Target:</b> Synphilin-1		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Synphilin-1: 51-150/919.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> This gene encodes a protein containing several protein-protein interaction domains, including ankyrin-like repeats, a coiled-coil domain, and an ATP/GTP-binding motif. The encoded protein interacts with alpha-synuclein in neuronal tissue and may play a role in the formation of cytoplasmic inclusions and neurodegeneration. A mutation in this gene has been associated with Parkinson's disease. Alternatively spliced transcript variants encoding different isoforms of this gene have been described, but the full-length nature of only two have been determined. [provided by RefSeq, Jul 2011].		

**— SELECTED CITATIONS —**

- **[IF=5.808]** Guo Q et al. Small interfering RNA delivery to the neurons near the amyloid plaques for improved treatment of Alzheimer's disease. Acta Pharm Sin B. 2019 May;9(3):590-603. WB ;Mouse. 31193846