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## S1P/Subtilisin isozyme 1 Rabbit pAb

Catalog Number: bs-19355R

Target Protein: S1P/Subtilisin isozyme 1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Mouse (predicted:Human, Rat, Rabbit, Chicken)

Predicted MW: 96 kDa

Subcellular Cytoplasm

Locations:

Entrez Gene: 8720

Swiss Prot: Q14703

Source: KLH conjugated synthetic peptide derived from human S1P/Subtilisin isozyme 1:  
861-960/1052.

Purification: affinity purified by Protein A

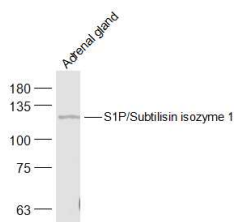
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** This gene encodes a member of the subtilisin-like proprotein convertase family, which includes proteases that process protein and peptide precursors trafficking through regulated or constitutive branches of the secretory pathway. The encoded protein undergoes an initial autocatalytic processing event in the ER to generate a heterodimer which exits the ER and sorts to the cis/medial-Golgi where a second autocatalytic event takes place and the catalytic activity is acquired. It encodes a type 1 membrane bound protease which is ubiquitously expressed and regulates cholesterol or lipid homeostasis via cleavage of substrates at non-basic residues. Mutations in this gene may be associated with lysosomal dysfunction. [provided by RefSeq, Feb 2014]

### VALIDATION IMAGES

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Sample: Adrenal gland (Mouse) Lysate at 40 ug Primary: Anti-S1P/Subtilisin isozyme 1 (bs-19355R) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 96 kD  
Observed band size: 126 kD

## PRODUCT SPECIFIC PUBLICATIONS

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**[IF=4.162]** Dianna Liu. et al. Network Pharmacology and Experimental Verification to Explore the Potential Mechanism of Yin-Huo-Tang for Lung Adenocarcinoma Recurrence. Drug Des Dev Ther. 2022; 16: 375–395 **WB ; Mouse** . 35210754