

bs-19355R**[Primary Antibody]****BioSS**
ANTIBODIES

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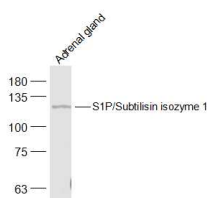
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S1P/Subtilisin isozyme 1 Rabbit pAb**— DATASHEET —**

| | | |
|---|----------------------|---|
| Host: Rabbit | Isotype: IgG | Applications: WB (1:500-2000) |
| Clonality: Polyclonal | | Reactivity: Mouse (predicted: Human, Rat, Rabbit, Chicken) |
| GeneID: 8720 | SWISS: Q14703 | |
| Target: S1P/Subtilisin isozyme 1 | | Predicted MW.: 96 kDa |
| Immunogen: KLH conjugated synthetic peptide derived from human S1P/Subtilisin isozyme 1: 861-960/1052. | | Subcellular Location: Cytoplasm |
| Purification: affinity purified by Protein A | | |
| Concentration: 1mg/ml | | |
| 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 —

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

— SELECTED CITATIONS —

- **[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