bs-7510R **[Primary Antibody]**

stabilin1 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 23166 **SWISS:** Q9NY15

Target: stabilin1

Immunogen: KLH conjugated synthetic peptide derived from human stabilin1: 1201-1400/2570. < Extracellular >

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: Stabilin-1 is a large transmembrane receptor protein which may function in angiogenesis, lymphocyte homing, cell adhesion, or receptor scavenging. The protein contains 7 fasciclin, 16 epidermal growth factor (EGF)-like, and 2 laminin-type EGF-like domains as well as a C-type lectin-like hyaluronan-binding Link module. The protein is primarily expressed on sinusoidal endothelial cells of liver, spleen, and lymph node. The receptor has been shown to endocytose ligands such as low density lipoprotein, Gram-positive and Gram-negative bacteria, and advanced glycosylation end products. Supporting its possible role as a scavenger receptor, the protein rapidly cycles between the plasma membrane and early endosomes.

Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
ICC/IF (1:50-200)

Reactivity: Mouse (predicted: Human, Rat, Cow, Horse)

Predicted MW.: 273 kDa

Subcellular Location: Cell membrane

SELECTED CITATIONS

- **[IF=9.6]** Yang Yu-Hang. et al. HNF4A mitigates sepsis-associated lung injury by upregulating NCOR2/GR/STAB1 axis and promoting macrophage polarization towards M2 phenotype. CELL DEATH DIS. 2025 Feb;16(1):1-14 WB ;Mouse. 39979267
- **[IF=2.676]** Yohei Ikezumi. et al. Steroid treatment promotes an M2 anti-inflammatory macrophage phenotype in childhood lupus nephritis. Pediatr Nephrol. 2021 Feb;36(2):349-359 IF ;Human. 32870362
- **[IF=3.078]** Simon Harper. et al. Portal venous repopulation of decellularised rat liver scaffolds with syngeneic bone marrow stem cells. J Tissue Eng Regen M. 2020 Oct;14(10):1502-1512 IF ;Rat. 32808475