

bs-17271R**[Primary Antibody]****SCARA5 Rabbit pAb****BioSS**
ANTIBODIES

www.bioss.com.cn

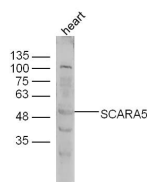
sales@bioss.com.cn

techsupport@bioss.com.cn

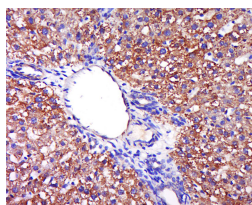
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 286133	SWISS: Q6ZMJ2	IHC-F (1:100-500)
Target: SCARA5		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human SCARA5: 231-330/495. < Extracellular >		Reactivity: Mouse (predicted: Human, Rat, Cow, Horse)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 54 kDa
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.		Subcellular Location: Cell membrane
Background: SCARA5 is a 495 amino acid cell membrane protein. SCARA5 is expressed at high levels in testis, with highest levels specifically found in specific populations of epithelial cells and Sertoli cells. SCARA5 forms a homotrimer single-pass type II membrane complex present on the surface of the plasma membrane. Cells transfected with SCARA5 were able to bind particular gram-positive and gram-negative bacteria, suggesting a possible role for SCARA5 in immunity to infection. It has also been suggested that SCARA5 may be involved in transferrin delivery pathways. Expressed as four isoforms produced by alternative splicing, SCARA5 contains one collagen-like domain and one SRCR domain.		

— VALIDATION IMAGES —

Sample: Heart (Mouse) Lysate at 40 ug Primary:
Anti-SCARA5 (bs-17271R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 54 kD
Observed band size: 54 kD



Tissue/cell: Mouse liver tissue; 4%
Paraformaldehyde-fixed and paraffin-
embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block
endogenous peroxidase by 3% Hydrogen
peroxide for 30min; Blocking buffer (normal goat
serum,C-0005) at 37°C for 20 min; Incubation:
Anti-SCARA5 Polyclonal Antibody,
Unconjugated(bs-17271R) 1:500, overnight at
4°C, followed by conjugation to the secondary
antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=14.1]** Yao Xu. et al. Single-Cell RNA Sequencing Delineates Renal Anti-Fibrotic Mechanisms Mediated by TRPC6 Inhibition. ADV SCI. 2025 Jun 17:e01175 IF ;Mouse. 40525246