

**bs-13702R****[ Primary Antibody ]****SKAP55 Rabbit pAb****BioSS**  
**ANTIBODIES**

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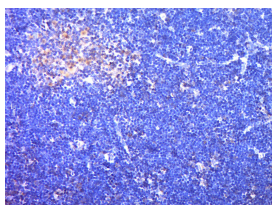
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**— DATASHEET —**

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| <b>Host:</b> Rabbit<br><b>Clonality:</b> Polyclonal<br><b>GeneID:</b> 8631<br><b>Target:</b> SKAP55<br><b>Immunogen:</b> KLH conjugated synthetic peptide derived from human SKAP55: 101-200/359.<br><b>Purification:</b> affinity purified by Protein A<br><b>Concentration:</b> 1mg/ml<br><b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.<br>Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.<br><b>Background:</b> Fyb (Fyn binding protein) and the anchoring proteins SKAP55 and SKAP55-R (SKAP55-related protein) associate with the tyrosine kinase p59fyn. SKAP55 and SKAP55-R bind to Fyb through their SH3 domains and function as substrates for p59Fyn in resting T cells. SKAP55 contains an N-terminal pleckstrin homology domain and a C-terminal SH3 domain binding motif of adjacent arginine and lysine residues followed by tandem tyrosines. SKAP55-R, similar in overall structure to SKAP55, contains a coiled-coil N-terminal domain. SKAP55 associates with SLAP-130, another component of the Fyn complex, which plays a role in the regulation of signaling events initiated by lymphocyte antigen receptors leading up to T cell activation. The human SKAP55 gene maps to chromosome 17q21.32 and encodes a 359 amino acid protein. | <b>Isotype:</b> IgG<br><b>SWISS:</b> Q86WV1<br><b>Applications:</b> IHC-P (1:100-500)<br>IHC-F (1:100-500)<br>IF (1:100-500)<br><b>Reactivity:</b> Rat (predicted: Human, Mouse, Rabbit, Pig, Dog, Horse)<br><b>Predicted MW.:</b> 41 kDa<br><b>Subcellular Location:</b> Cell membrane ,Cytoplasm ,Nucleus |
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**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (Rat thymus); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (SKAP55 ) Polyclonal Antibody, Unconjugated (bs-13702R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

**— SELECTED CITATIONS —**

- **[IF=3.8]** Zhou Qingde. et al. Identifying effective immune biomarkers in alopecia areata diagnosis based on machine learning methods. BMC MED INFORM DECIS. 2025 Dec;25(1):1-17 IF ;Human. 39810125