

**bs-7940R**

**[ Primary Antibody ]**

## ABCA5 Rabbit pAb



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### — DATASHEET —

<p><b>Host:</b> Rabbit</p> <p><b>Clonality:</b> Polyclonal</p> <p><b>GeneID:</b> 23461</p> <p><b>Target:</b> ABCA5</p> <p><b>Immunogen:</b> KLH conjugated synthetic peptide derived from human ABCA5: 1401-1500/1642.</p> <p><b>Purification:</b> affinity purified by Protein A</p> <p><b>Concentration:</b> 1mg/ml</p> <p><b>Storage:</b> 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.</p> <p><b>Background:</b> ABCA5 is a member of the superfamily of ATP binding cassette (ABC) transporters. ABC proteins transport various molecules across extra and intracellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, and White). ABCA5 is a member of the ABC1 subfamily. Members of the ABC1 subfamily comprise the only major ABC subfamily found exclusively in multicellular eukaryotes. ABCA5 is localized in the lysosome, late endosome and Golgi apparatus membrane and is thought to play a role in the processing of autolysosomes.</p>	<p><b>Isotype:</b> IgG</p> <p><b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>ELISA</b> (1:5000-10000)</p> <p><b>Reactivity:</b> (predicted: Human, Mouse, Rat, Sheep)</p> <p><b>Predicted MW.:</b> 186 kDa</p> <p><b>Subcellular Location:</b> Cell membrane ,Cytoplasm</p>
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### — SELECTED CITATIONS —

- **[IF=5.7]** Bailin Pan. et al. Identification of key biomarkers related to fibrocartilage chondrocytes for osteoarthritis based on bulk, single-cell transcriptomic data. FRONT IMMUNOL. 2024 Nov;15: IHC ;Human. 39640258