

**bs-3677R**

**[ Primary Antibody ]**

## CYP8A1 Rabbit pAb

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### — DATASHEET —

<p><b>Host:</b> Rabbit</p> <p><b>Clonality:</b> Polyclonal</p> <p><b>GeneID:</b> 5740</p> <p><b>Target:</b> CYP8A1</p> <p><b>Immunogen:</b> KLH conjugated synthetic peptide derived from human CYP8A1/PTGIS: 401-500/500.</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> This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. However, this protein is considered a member of the cytochrome P450 superfamily on the basis of sequence similarity rather than functional similarity. This endoplasmic reticulum membrane protein catalyzes the conversion of prostglandin H2 to prostacyclin (prostaglandin I2), a potent vasodilator and inhibitor of platelet aggregation. An imbalance of prostacyclin and its physiological antagonist thromboxane A2 contribute to the development of myocardial infarction, stroke, and atherosclerosis.</p>	<p><b>Isotype:</b> IgG</p> <p><b>SWISS:</b> Q16647</p>	<p><b>Applications:</b> ELISA (1:5000-10000)</p> <p><b>Reactivity:</b> (predicted: Human, Mouse)</p> <p><b>Predicted MW.:</b> 55 kDa</p> <p><b>Subcellular Location:</b> Cell membrane ,Cytoplasm</p>
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