

bs-14181R**[Primary Antibody]**

Cytochrome p450 2J2 Rabbit pAb

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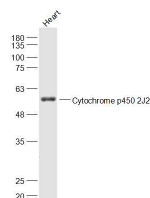
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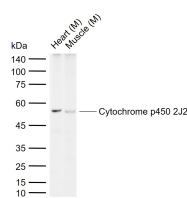
DATASHEET

Host: Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 1573**SWISS:** P51589**Target:** Cytochrome p450 2J2**Immunogen:** KLH conjugated synthetic peptide derived from human Cytochrome p450 2J2: 101-200/502.**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:** 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. This protein localizes to the endoplasmic reticulum and is thought to be the predominant enzyme responsible for epoxidation of endogenous arachidonic acid in cardiac tissue. Multiple transcript variants have been found for this gene. [provided by RefSeq, Jan 2016].**Applications:** WB (1:500-2000)**Reactivity:** Mouse (predicted: Human)**Predicted MW.:** 58 kDa**Subcellular Location:** Cell membrane

VALIDATION IMAGES



Sample: Mouse (Mouse) Lysate at 40 ug Primary: Anti-Cytochrome p450 2J2 (bs-14181R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 58 kD Observed band size: 58 kD



Sample: Lane 1: Mouse Heart tissue lysates Lane 2: Mouse Muscle tissue lysates Primary: Anti-Cytochrome p450 2J2 (bs-14181R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 58 kDa Observed band size: 56 kDa

SELECTED CITATIONS

- **[IF=2.8]** Huan Yang, et al. Heat stress induces ferroptosis of porcine Sertoli cells by enhancing CYP2C9-Ras- JNK axis. THERIOGENOLOGY. 2024 Feb;215:281 WB ;Fig. 38103405