bs-14151R **[Primary Antibody]**

CYP2C8 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 1558 **SWISS:** P10632

Target: CYP2C8

Immunogen: KLH conjugated synthetic peptide derived from human CYP2C8: 51-150/490.

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 its expression is induced by phenobarbital. The enzyme is known to metabolize many xenobiotics, including the anticonvulsive drug mephenytoin, benzo(a)pyrene, 7-ethyoxycoumarin, and the anti-cancer drug taxol. This gene is located within a cluster of cytochrome P450 genes on chromosome 10q24. Several transcript variants encoding a few different isoforms have been found for this gene. [provided by RefSeq, Nov 2010]

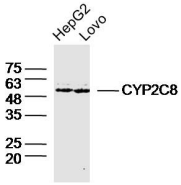
Applications: **WB** (1:500-2000)

Reactivity: Human, Rat

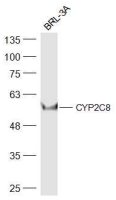
Predicted MW.: 56 kDa

Subcellular Location: Cytoplasm

VALIDATION IMAGES



Sample: HepG2 Cell (Human) Lysate at 40 ug Lovo Cell (Human) Lysate at 40 ug Primary: Anti-CYP2C8(bs-14151R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 56kD Observed band size: 56kD



Sample: BRL-3A(Rat) Cell Lysate at 40 ug Primary: Anti-CYP2C8 (bs-14151R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 56 kD Observed band size: 56 kD

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 ;Pig. 38103405