

bs-2352R**[Primary Antibody]****Cytochrome P450 2B6 Rabbit pAb****BioSS**
ANTIBODIES

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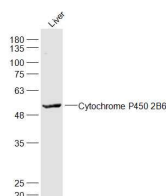
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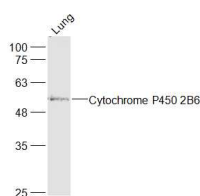
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— DATASHEET —

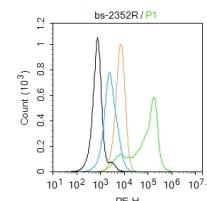
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) Flow-Cyt (2ug/Test)
Clonality: Polyclonal		
GeneID: 1555	SWISS: P20813	Reactivity: Human, Mouse (predicted: Rat, Rabbit, Dog)
Target: Cytochrome P450 2B6		Predicted MW.: 56 kDa
Immunogen: KLH conjugated synthetic peptide derived from human Cytochrome P450 2B6: 401-491/491.		Subcellular Location: Cell membrane ,Cytoplasm
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: Cytochromes P450 are a group of heme-thiolate monooxygenases. In liver microsomes, this enzyme is involved in an NADPH-dependent electron transport pathway. It oxidizes a variety of structurally unrelated compounds, including steroids, fatty acids, and xenobiotics.		

— VALIDATION IMAGES —

Sample: Liver (Mouse) Lysate at 40 ug Primary: Anti-Cytochrome P450 2B6 (bs-2352R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 56 kD Observed band size: 56 kD



Sample: Lung (Mouse) Lysate at 40 ug Primary: Anti-Cytochrome P450 2B6 (bs-2352R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 56 kD Observed band size: 56 kD



Blank control:U937. Primary Antibody (green line): Rabbit Anti-Cytochrome P450 2B6 antibody (bs-2352R) Dilution: 2μg /10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-PE Dilution: 1μg /test. Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 0.1% PBST for 20 min at room temperature. The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

— SELECTED CITATIONS —

- **[IF=4.2]** Qian Zhu. et al. Chronic alcohol intake disrupts cytochrome P450 enzyme activity in alcoholic fatty liver disease: insights into metabolic alterations and therapeutic targets. FRONT CHEM. 2025 May;13: WB ;Rat. 40433307
- **[IF=2.8]** Man, Shuli, et al. "Combination therapy of cyclophosphamide and Rhizoma Paradis Saponins on anti-hepatocarcinoma mice and effects on cytochrome p450 enzyme expression." Steroids (2013). WB ;="Rat". 24291418