

**bs-14153R****[ Primary Antibody ]****CYP2U1 Rabbit pAb****Bioss**  
**ANTIBODIES**

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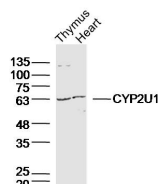
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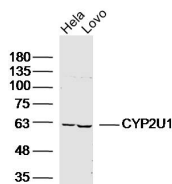
400-901-9800

**— DATASHEET —**

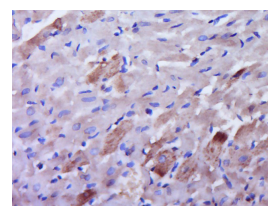
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)  <b>Reactivity:</b> Human, Mouse, Rat (predicted: Rabbit, Pig, Sheep, Cow, Dog, Horse)  <b>Predicted MW.:</b> 62 kDa  <b>Subcellular Location:</b> Cytoplasm
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 113612	<b>SWISS:</b> Q7Z449	
<b>Target:</b> CYP2U1		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human CYP2U1: 151-250/544.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<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.		
<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. This enzyme is a hydroxylase that metabolizes arachidonic acid, docosaheptaenoic acid, and other long chain fatty acids. [provided by RefSeq, Jul 2008]		

**— VALIDATION IMAGES —**

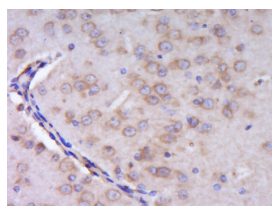
Sample: Thymus (Mouse) Lysate at 40 ug Heart (Mouse) Lysate at 40 ug Primary: Anti-CYP2U1(bs-14153R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 62kD Observed band size: 63kD



Sample: HeLa Cell(Human)Lysate at 30 ug Lovo Cell(Human)Lysate at 30 ug Primary: Anti-CYP2U1 (bs-14153R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 62kD Observed band size: 62kD



Paraformaldehyde-fixed, paraffin embedded (Rat heart); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CYP2U1) Polyclonal Antibody, Unconjugated (bs-14153R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CYP2U1) Polyclonal Antibody,

**Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Unconjugated (bs-14153R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

## — SELECTED CITATIONS —

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- **[IF=2.1]** Chen Qianling. et al. Proteomic analysis discovers potential biomarkers of early traumatic axonal injury in the brainstem. INT J LEGAL MED. 2023 Jun;;1-21 IHC,WB ;Rat,Human. 37338605