

**bs-5115R****[ Primary Antibody ]**

## Cytochrome b5 Rabbit pAb

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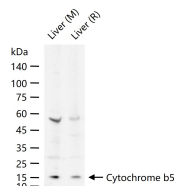
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400-901-9800

### — DATASHEET —

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Mouse, Rat (predicted: Human, Pig, Sheep, Cow, Dog)
<b>GeneID:</b> 1528	<b>SWISS:</b> P00167	<b>Predicted MW.:</b> 15 kDa
<b>Target:</b> Cytochrome b5		<b>Subcellular Location:</b> Cell membrane ,Cytoplasm
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Cytochrome b5: 9-80/134.		
<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> The protein encoded by this gene is a membrane-bound cytochrome that reduces ferric hemoglobin (methemoglobin) to ferrous hemoglobin, which is required for stearyl-CoA-desaturase activity. Defects in this gene are a cause of type IV hereditary methemoglobinemia. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2010]		

### — VALIDATION IMAGES —



25 ug total protein per lane of various lysates  
(see on figure) probed with Cytochrome b5  
polyclonal antibody, unconjugated (bs-5115R) at  
1:500 dilution and 4°C overnight incubation.  
Followed by conjugated secondary antibody  
incubation at r.t. for 60 min.