

**bs-15397R****[ Primary Antibody ]****CRAT Rabbit pAb****BioSS**  
**ANTIBODIES**

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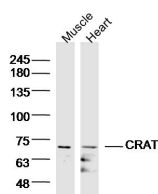
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**— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 6541 <b>Target:</b> CRAT <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human CRAT: 301-400/626. <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> CRAT is a key enzyme in the metabolic pathway in mitochondria, peroxisomes and endoplasmic reticulum. CRAT catalyzes the reversible transfer of acyl groups from an acyl-CoA thioester to carnitine and regulates the ratio of acylCoA/CoA in the subcellular compartments. Two transcript variants encoding different isoforms have been found for this gene.	<b>Isotype:</b> IgG <b>SWISS:</b> P30825 <b>Applications:</b> WB (1:500-2000) <b>Reactivity:</b> Mouse (predicted: Human, Rat, Chicken) <b>Predicted MW.:</b> 71 kDa <b>Subcellular Location:</b> Cell membrane
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**— VALIDATION IMAGES —**

Sample: muscle (Mouse) Lysate at 40 ug heart (Mouse) Lysate at 40 ug  
Primary: Anti-CRAT(bs-15397R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 71kD Observed band size: 71kD

**— SELECTED CITATIONS —**

- **[IF=2.19]** Jiang, Qixiao, et al. "Changes in the levels of l-carnitine, acetyl-l-carnitine and propionyl-l-carnitine are involved in perfluorooctanoic acid induced developmental cardiotoxicity in chicken embryo." Environmental Toxicology and Pharmacology 48 (2016): 116-124. WB ;="Chicken". 27771504