bs-15397R

[Primary Antibody]

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CRAT Rabbit pAb

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GeneID: 6541 SWISS: P30825

Target: CRAT

Immunogen: KLH conjugated synthetic peptide derived from human CRAT:

301-400/626.

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: 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.

Applications: WB (1:500-2000)

Reactivity: Mouse (predicted: Human,

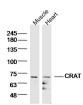
Rat, Chicken)

Predicted 71 kDa

MW.:

Subcellular Location: Cell membrane

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: IRDve800CW 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