

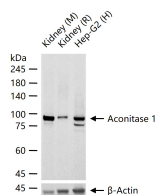
**bsm-62433R****[ Primary Antibody ]****Bioss**  
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**Aconitase 1 Recombinant Rabbit mAb****— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 15B8**GeneID:** 48**SWISS:** P21399**Target:** Aconitase 1**Immunogen:** A synthesized peptide derived from human Aconitase 1: 15-42/889.**Purification:** affinity purified by Protein A**Storage:** 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.**Background:** Bifunctional iron sensor that switches between 2 activities depending on iron availability. Iron deprivation, promotes its mRNA binding activity through which it regulates the expression of genes involved in iron uptake, sequestration and utilization.**Applications:** WB (1:500-2000)**ICC/IF** (1:50-200)**Reactivity:** Human, Mouse, Rat**Predicted  
MW.:** 98**Subcellular  
Location:** Cytoplasm**— VALIDATION IMAGES —**

25 ug total protein per lane of various lysates  
(see on figure) probed with Aconitase 1  
monoclonal antibody, unconjugated  
(bsm-62433R) at 1:2000 dilution and 4°C  
overnight incubation. Followed by conjugated  
secondary antibody incubation at r.t. for 60 min.