

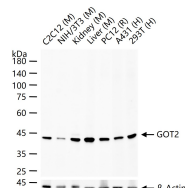
**bsm-62369R****[ Primary Antibody ]****BioSS**  
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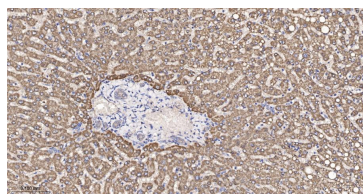
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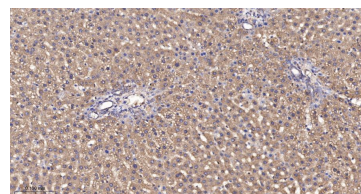
400-901-9800

**GOT2 Recombinant Rabbit mAb****DATASHEET****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**GeneID:** 2806**SWISS:** P00505**Target:** GOT2**Immunogen:** A synthesized peptide derived from human GOT2: 17-72.**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:** Catalyzes the irreversible transamination of the L-tryptophan metabolite L-kynurenine to form kynurenic acid (KA). As a member of the malate-aspartate shuttle, it has a key role in the intracellular NAD(H) redox balance. Is important for metabolite exchange between mitochondria and cytosol, and for amino acid metabolism. Facilitates cellular uptake of long-chain free fatty acids.**Applications:** WB (1:500-2000)  
**IHC-P** (1:100-500)  
**IHC-F** (1:100-500)  
**IF** (1:100-500)  
**IP** (1:20-50)**Reactivity:** Human, Mouse, Rat**Predicted  
MW.:** 48**Subcellular  
Location:** Cell membrane ,Cytoplasm**VALIDATION IMAGES**

25 ug total protein per lane of various lysates (see on figure) probed with GOT2 monoclonal antibody, unconjugated (bsm-62369R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with GOT2 Monoclonal Antibody, Unconjugated (bsm-62369R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Rat Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with GOT2 Monoclonal Antibody, Unconjugated (bsm-62369R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.