

Cat. Number : MDAAB00002

Catalase Polyclonal Antibody

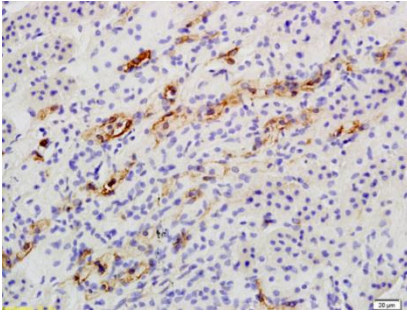
DATA SHEET

<p>Host: Rabbit Target Protein: Catalase Immunogen Range: 251-350/527 Clonality: Polyclonal Isotype: IgG Entrez Gene: 847 Swiss Prot: P04040 Source: KLH conjugated synthetic peptide derived from human Catalase Purification: Purified by Protein A. Storage Buffer: 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. Storage: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: Occurs in almost all aerobically respiring organisms and serves to protect cells from the toxic effects of hydrogen peroxide. Promotes growth of cells including T-cells, B-cells, myeloid leukemia cells, melanoma cells, mastocytoma cells and normal and transformed fibroblast cells.</p>	<p>Size: 100ul Concentration: 1ug/ul Applications: WB(1:300-5000) ELISA(1:500-1000) FCM(1:20-100) IHC-P(1:200-400) IHC-F(1:100-500) IF(IHC-P)(1:50-200) IF(IHC-F)(1:50-200) IF(ICC)(1:50-200) Predicted Molecular Weight: 60 kDa Cross Reactive Species: Human Mouse Rat Predicted Cross Reactive Species: Horse For research use only. Not intended for diagnostic or therapeutic use</p>
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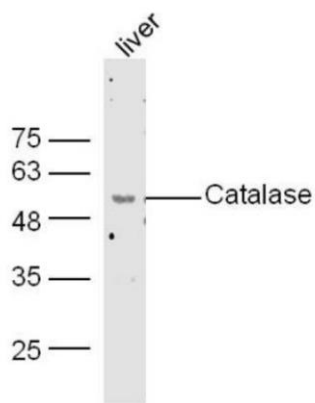
REFERENCE OF PUBLICATION

- Yun, Yang, et al. "Sulfate Aerosols Promote Lung Cancer Metastasis by Epigenetically Regulating the Epithelial-to-Mesenchymal Transition (EMT)." Environmental Science & Technology (2017). [Read more>>](#)
- Wang PW et al. Red Raspberry Extract Protects the Skin against UVB-Induced Damage with Antioxidative and Anti-inflammatory Properties. Oxid Med Cell Longev. 2019 Jan 6;2019:9529676. [Read more>>](#)
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- Zhang Y et al. Gentiopicroside prevents alcoholic liver damage by improving mitochondrial dysfunction in the rat model Phytother Res. 2020 Dec 10. [Read more>>](#)
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- Sheng Zhang. et al. Proteomics analysis in the kidney of mice following oral feeding Realgar. J Ethnopharmacol. 2021 Jul;275:114118 [Read more>>](#)
- Liu, Houli. et al. Immunomodulatory hybrid bio-nanovesicle for self-promoted photodynamic therapy. Nano Res. 2022 Feb;;:1-1 [Read more>>](#)
- Yao Lei. et al. Phytochemical natural killer cells reprogram tumor microenvironment for potent immunotherapy of solid tumors. BIOMATERIALS. 2022 Jun;;:121635 [Read more>>](#)
- Dr. Evan Paul Tracy. et al. Stromal Vascular Fraction Restores Vasodilatory Function by Reducing Oxidative Stress in Aging-Induced Coronary Microvascular Disease. ANTIOXID REDOX SIGN. 2022 Aug 11 [Read more>>](#)

IMAGES



Formalin-fixed and paraffin embedded rat kidney labeled with Anti Catalase Polyclonal Antibody, Unconjugated (bs-6874R) followed by conjugation to the secondary antibody and DAB staining



Mouse liver lysates probed with Rabbit Anti-Catalase Polyclonal Antibody, Unconjugated (bs-6874R) at 1:300 overnight at 4°C. Followed by conjugation to secondary antibody (bs-0295G-HRP) at 1:500 for 90 min at 37°C.