

CATALASE RABBIT PAB

Cat.#: N225802

Product Name: Anti-Catalase Rabbit pAb

Synonyms: CasI; CAT; Catalase; Csl

UNIPROT ID: P04040

Background: Catalase catalyzes the conversion of hydrogen peroxide to water and oxygen. Research studies show that overexpression of this antioxidant enzyme increases the ability of pancreatic β -cells to scavenge reactive oxygen species (ROS), thereby protecting pancreatic β -cells from oxidative stress.

Immunogen: A synthesized peptide derived from human Catalase

Applications: WB,IHC-P

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Clone ID: -

MW: Calculated MW: 60 kDa; Observed MW: 60 kDa

Isotype: IgG

Purification: Affinity Chromatography

Species Reactivity: Human,Mouse,Rat

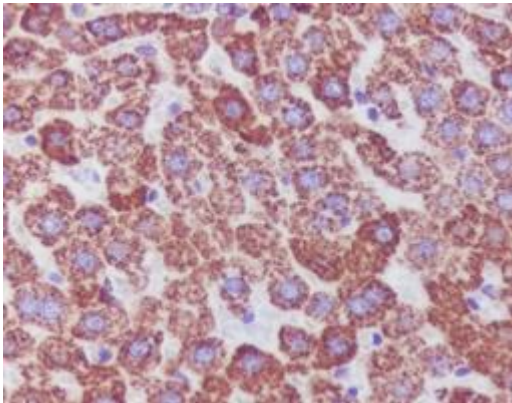
Conjugation: Unconjugated

Modification: Unmodified

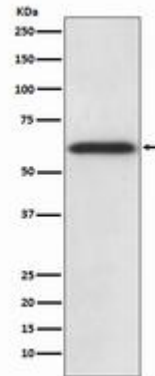
Constituents: PBS (without Mg^{2+} and Ca^{2+}), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Tags & Cell Markers

Storage & Shipping: Store at $-20^{\circ}C$. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin-embedded rat liver using Catalase antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of Catalase in HepG2 lysates using Catalase antibody.