

## Catalase polyclonal antibody

Catalog: BZ16788

Host: Rabbit

Reactivity: Human, Mouse, Rat

### 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  $\beta$ -cells to scavenge reactive oxygen species (ROS), thereby protecting pancreatic  $\beta$ -cells from oxidative stress.

### Product:

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

### Molecular Weight:

Calculated MW: 60 kDa; Observed MW: 60 kDa

### Swiss-Prot:

P04040

### Purification&Purity:

Affinity Purified

### Applications:

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

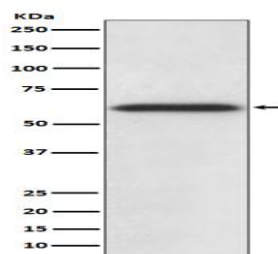
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

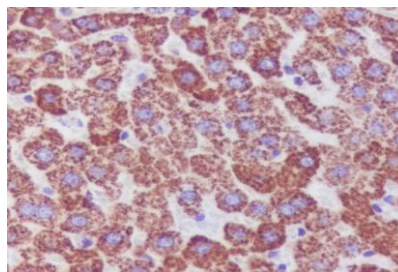
### Isotype:

IgG

### DATA:



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



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

### Note:

For research use only, not for use in diagnostic procedure.

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