

## **Catalase Polyclonal Antibody**

Background: Catalase is a homotetrameric heme-containing enzyme present in all aerobic cells. It

catalyzes a dismutation reaction in which hydrogen peroxide is converted to water and oxygen. Catalase has been implicated as an important factor in inflammation, mutagenesis, anti-apoptosis, and tumorigenesis. Deficiency of catalase could lead to the human genetic

disease, including acatalasemia or Takahara's disease.

Catalog Number: E14-02

Storage:

**Amount:** 100μg/100μl

Immunogen: ecombinant human catalase (rh-Catalase), C-terminal of Catalase

Purification: Purified by protein A column

Store at -20 °C upon arrival for one year. Avoid repeated freeze-thaw cycles.

Formulation: Each vial at least contains 0.1 mg lgG in 0.1 ml (1 mg/ml) of 0.01 M PBS, PH7.4, 1 mg/ml

BSA, 20 % glycerol, 0.01 % (w/v) NaN3

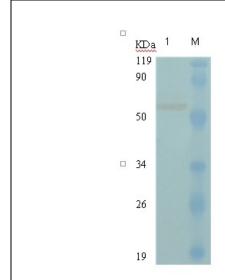
**Limitation:** For research use only and are not intended for diagnostic or therapeutic use.

Isotope: Rabbit IgG

Species Reactivities: Human, mouse, rat, pig

Tested Applications: ELISA, WB Other applications have not been tested.

Application notes: WB: 1:500-5000



WB assay

1<sup>st</sup> antibody: E14-02, dilution: 1:5000

2<sup>nd</sup> antibody: goat antibody against rabbit IgG conjugated

with HRP, dilution: 1:5000, visualized by

DAB

Protein Molecular Wt.: 60 kDa

M: prestained protein marker1: 30 μg pig liver homogenate