

Product Name: Catalase Rabbit Monoclonal Antibody
Catalog #: AMRe04060



Summary

Production Name	Catalase Rabbit Monoclonal Antibody
Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Immunogen

Gene Name	CAT
Alternative Names	Cas1; CAT; Catalase; Cs1
Gene ID	847
SwissProt ID	P04040.

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100
Molecular Weight	Calculated MW: 60 kDa; Observed MW: 60 kDa

Background

Product Name: Catalase Rabbit Monoclonal Antibody
Catalog #: AMRe04060

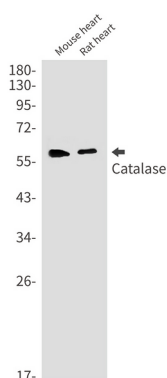


Catalase catalyzes the conversion of hydrogen peroxide to water and oxygen. Research studies show that overexpression of this antioxidant enzyme increases the ability of pancreatic β -cells to scavenge reactive oxygen species (ROS), thereby protecting pancreatic β -cells from oxidative stress.

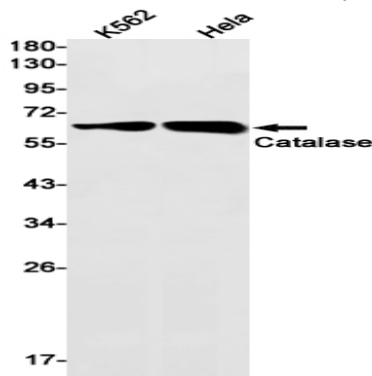
Research Area

Tags & Cell Markers

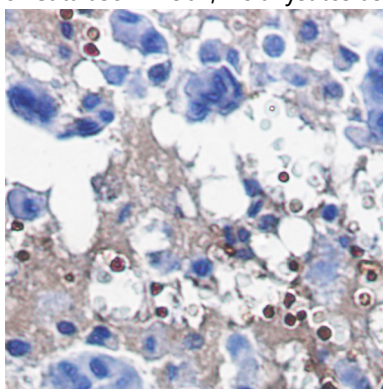
Image Data



Western blot analysis of Catalase in mouse heart, rat heart lysates using Catalase antibody.



Western blot analysis of Catalase in K562, HeLa lysates using Catalase antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Catalase antibody. High-pressure and

Product Name: Catalase Rabbit Monoclonal Antibody
Catalog #: AMRe04060



temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.