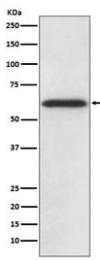


Catalase Antibody [clone AAGA-3] (RQ5028)

Catalog No.	Formulation	Size
RQ5028	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AAGA-3
Purity	Affinity purified
UniProt	P04040
Applications	Western Blot : 1:500-1:1000
Limitations	This Catalase antibody is available for research use only.



Western blot testing of human HepG2 cell lysate with Catalase antibody. Predicted molecular weight ~60 kDa.

Description

The CAT gene encodes catalase, a key antioxidant enzyme in the bodies defense against oxidative stress. Catalase is a heme enzyme that is present in the peroxisome of nearly all aerobic cells. Catalase converts the reactive oxygen species hydrogen peroxide to water and oxygen and thereby mitigates the toxic effects of hydrogen peroxide. [RefSeq]

Application Notes

Optimal dilution of the Catalase antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human Catalase / CAT was used as the immunogen for the Catalase antibody.

Storage

Store the Catalase antibody at -20oC.