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Anti-Catalase Rabbit Monoclonal Antibody

Catalog # ABO13944

Product Information

Application	WB, IHC
Primary Accession	P04040
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Catalase Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	847
Other Names	Catalase, 1.11.1.6, CAT
Calculated MW	59756
Application Details	WB 1:500-1:1000 IHC 1:50-1:200
Subcellular Localization	Peroxisome.
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: AAGA-3
Immunogen	A synthesized peptide derived from human Catalase
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

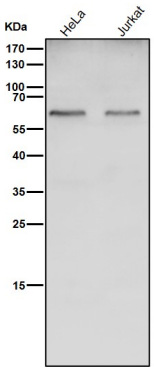
Protein Information

Name	CAT
Function	Catalyzes the degradation of hydrogen peroxide (H(2)O(2)) generated by peroxisomal oxidases to water and oxygen, thereby protecting cells from the toxic effects of hydrogen peroxide (PubMed:7882369). Promotes growth of

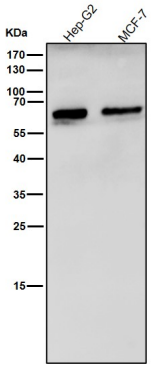
cells including T-cells, B-cells, myeloid leukemia cells, melanoma cells, mastocytoma cells and normal and transformed fibroblast cells (PubMed:7882369).

Cellular Location Peroxisome matrix

Images



All lanes use the Antibody at 1:3K dilution for 1 hour at room temperature.



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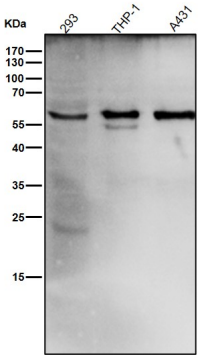

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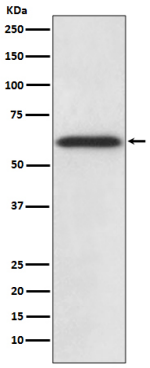
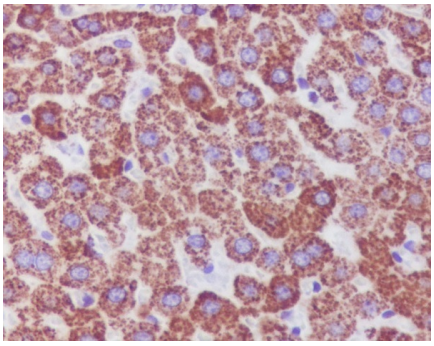


Western blot analysis of Catalase expression in HepG2 cell lysate.



Immunohistochemical analysis of paraffin-embedded rat liver, using Catalase Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.