

Catalase antibody

Cat. No. GTX110704

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P, IHC-Fr
Reactivity	Human, Mouse, Rat

References (68)

★★★★★ Review (1)

Package

100 µl, 25 µl

PRODUCT

Summary

Catalase antibody detects catalase protein, an antioxidant enzyme (predicted molecular weight of 60 kDa). Mutation of the CAT gene that codes for catalase protein can result in acatalasemia. This catalase antibody (GTX110704) is a well-known reagent cited in multiple publications.

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
IHC-P	1:100-1:1000
IHC-Fr	Assay dependent

Not tested in other applications.

Calculated MW 60 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	2.96 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human Catalase. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



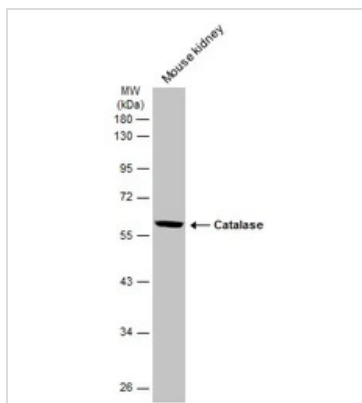
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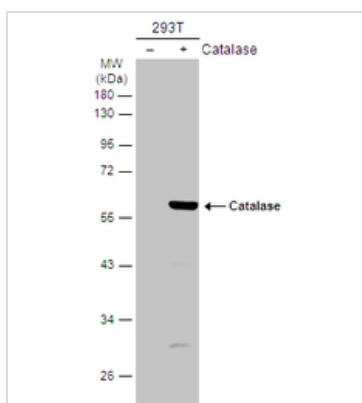
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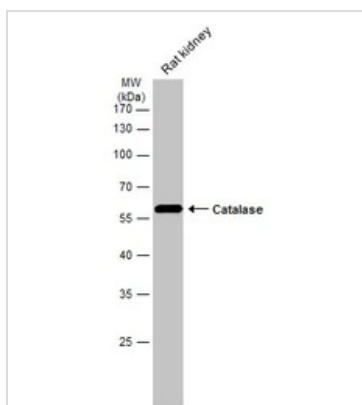
DATA IMAGES

**GTX110704 WB Image**

Mouse tissue extract (50 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with Catalase antibody (GTX110704) diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

**GTX110704 WB Image**

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Catalase antibody (GTX110704) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

**GTX110704 WB Image**

Rat tissue extract (50 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with Catalase antibody (GTX110704) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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