

Heme Oxygenase 1 antibody

Cat. No. GTX101147

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, ELISA, Sandwich ELISA
Reactivity	Human, Mouse, Rat, Monkey

References (81)

★★★★★ Review (1)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
ELISA	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture : GTX633677, Detection: GTX101147

Not tested in other applications.

Calculated MW 33 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	1.55 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human Heme Oxygenase 1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

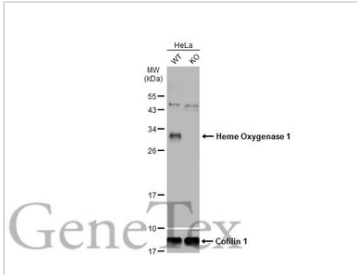


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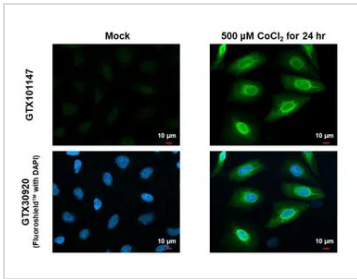
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DATA IMAGES

GTX101147 WB Image

Wild-type (WT) and Heme Oxygenase 1 knockout (KO) HeLa cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with Heme Oxygenase 1 antibody (GTX101147) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.

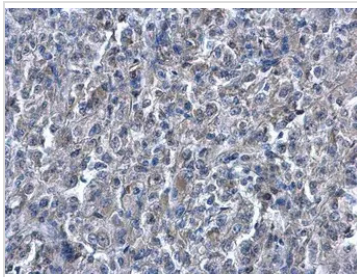

GTX101147 ICC/IF Image

Heme Oxygenase 1 antibody detects Heme Oxygenase 1 protein at endoplasmic reticulum and nucleus by immunofluorescent analysis.

Sample: Mock and treated HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Heme Oxygenase 1 stained by Heme Oxygenase 1 antibody (GTX101147) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).

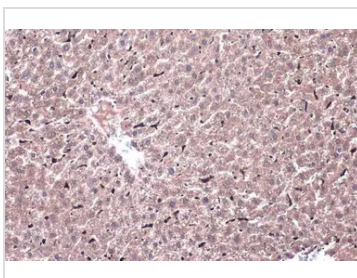

GTX101147 IHC-P Image

Heme Oxygenase 1 antibody detects Heme Oxygenase 1 protein at cytoplasm on human renal carcinoma by immunohistochemical analysis.

Sample: Paraffin-embedded human renal carcinoma .

Heme Oxygenase 1 antibody (GTX101147) diluted at 1:500.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min


GTX101147 IHC-P Image

Heme Oxygenase 1 antibody detects Heme Oxygenase 1 protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded mouse liver.

Heme Oxygenase 1 stained by Heme Oxygenase 1 antibody (GTX101147) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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