

Anti-GPX1 (C-term) Rabbit antibody



Catalog Number: 169114

Product name

Anti-GPX1 (C-term) Rabbit antibody

Specificity

Human, Mouse, Rat

Antibody description

GPX1 (C-term) Rabbit polyclonal antibody

Preparation

Antigen: This GPX1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 164-193 amino acids from the C-terminal region of human GPX1.

Formulation

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Clonality

Polyclonal

Ig Type

Rabbit IgG

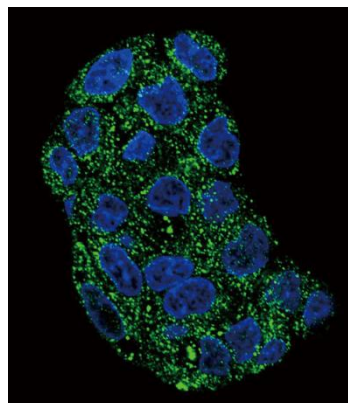
Applications

FC, WB, IHC-P, ICC/IF

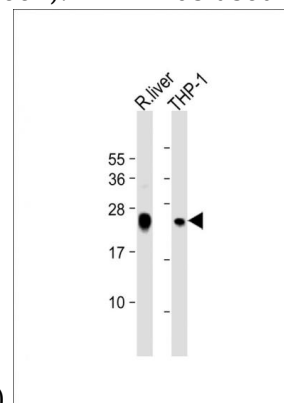
Dilutions

WB::1:2000 ICC::1:10~50 IHC::1:10~50

Validations

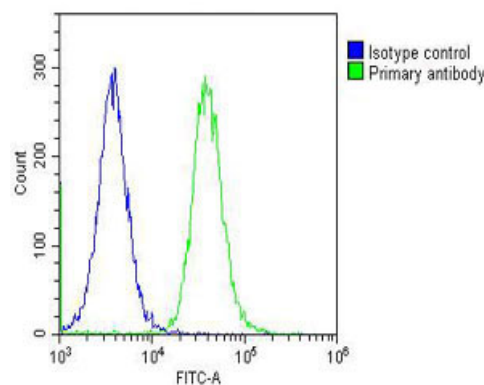


Confocal immunofluorescent analysis of GPX1 Antibody (C-term)(Cat#169114) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell



nuclear (blue).

All lanes: Anti-GPX1 Antibody (C-term) at 1:2000 dilution
Lane 1: rat liver lysate
Lane 2: THP-1 whole cell lysate
Lysates/proteins at 20 µg per lane.
Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size: 22 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.



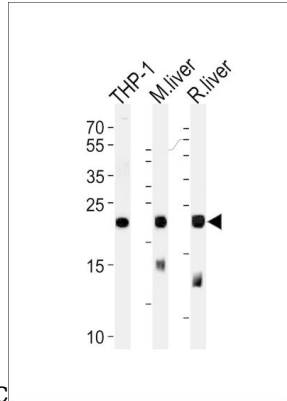
Overlay histogram showing HeLa cells stained with 169114 (green line). The cells were fixed with 2%

Anti-GPX1 (C-term) Rabbit antibody



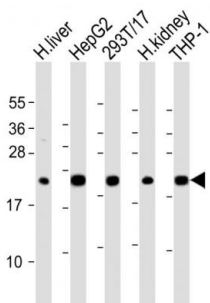
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paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum



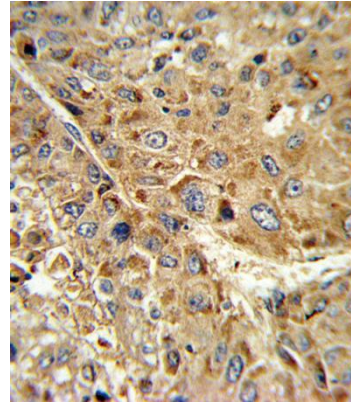
albumin to block non-specific

Western blot analysis of lysates from THP-1 cell line, mouse liver and rat liver tissue (from left to right), using GPX1 Antibody (C-term) (Cat. #169114). 169114 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.

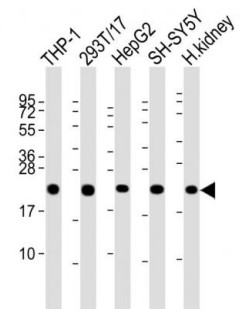


All lanes: Anti-GPX1 Antibody (C-term) at 1:2000 dilution
 Lane 1: human liver lysate
 Lane 2: HepG2 whole cell lysate
 Lane 3: 293T/17 whole cell lysate
 Lane 4: human kidney lysate
 Lane 5: THP-1 whole cell lysate
 Lysates/proteins at 20 µg per lane.
 Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000

dilution. Predicted band size: 22 kDa
 Blocking/Dilution buffer: 5% NFD/MTBST.



Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with GPX1 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody



for immunohistochemistry;

All lanes: Anti-GPX1 Antibody (C-term) at 1:2000 dilution
 Lane 1: THP-1 whole cell lysate
 Lane 2: 293T/17 whole cell lysate
 Lane 3: HepG2 whole cell lysate
 Lane 4: SH-SY5Y whole cell lysate
 Lane 5: human kidney lysate
 Lysates/proteins at 20 µg per lane.
 Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
 Predicted band size: 22 kDa
 Blocking/Dilution buffer: 5% NFD/MTBST.