

GPX4 Antibody



Catalog No: T56959

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF

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400-6123-828

Information

UniProt ID: P36969

All Names: GPX4; GSHPx-4; MCSP; mitochondrial; PHGPx; Phospholipid hydroperoxidase; snGPx; snPHGPx; Sperm nucleus glutathione peroxidase;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

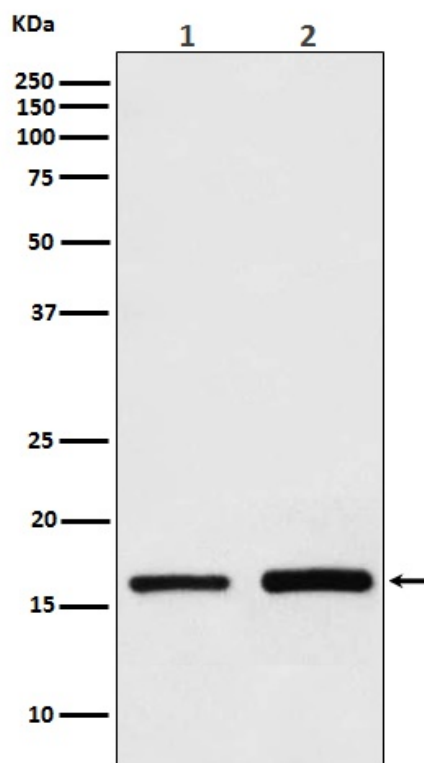
Molecular Wt.: 17kDa

Application

WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200

Background

Protects cells against membrane lipid peroxidation and cell death. Required for normal sperm development and male fertility. Could play a major role in protecting mammals from the toxicity of ingested lipid hydroperoxides. Essential for embryonic development. Protects from radiation and oxidative damage.



Western blot analysis of GPX4 expression in (1) HepG2 cell lysate; (2) Mouse testis lysate.