

Product Datasheet



GPX4 Antibody

Catalog No: CY6959

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF

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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: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 17kDa

Application

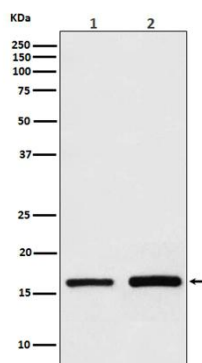
WB 1:500~1:2000

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.

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