

GPX4 Rabbit mAb

Catalog No: #59494

Package Size: #59494-1 50ul #59494-2 100ul

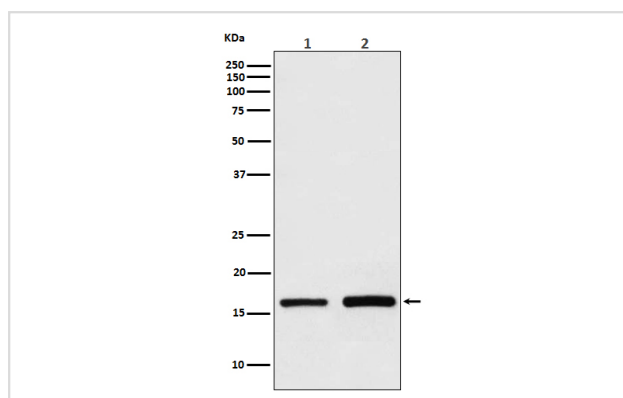
Description

Product Name	GPX4 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	GPX4 Antibody detects endogenous levels of total GPX4
Immunogen Description	A synthesized peptide derived from human GPX4
Other Names	GPX4; GSHPx-4; MCSP; mitochondrial; PHGPx; Phospholipid hydroperoxidase; snGPx; snPHGPx; Sperm nucleus glutathione peroxidase;
Accession No.	Uniprot:P36969
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

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

Images



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

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.