

Product Name: Glutathione Peroxidase 4 Rabbit Monoclonal Antibody**Catalog #: AMRe85617**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200
Molecular Weight	Calculated MW: 22 kDa; Observed MW: 22 kDa

Antigen Information

Gene Name	Glutathione Peroxidase 4
Alternative Names	Phospholipid hydroperoxide glutathione peroxidase; mitochondrial; PHGPx; EC 1.11.1.12; Glutathione peroxidase 4; GPx-4; GSHPx-4
Gene ID	2879.0
SwissProt ID	P36969
Immunogen	A synthetic peptide of Glutathione Peroxidase 4

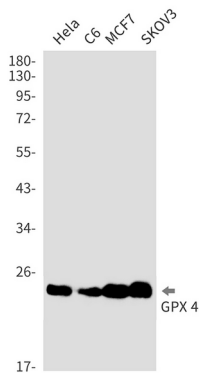
Background

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.

Research Area

Image Data



Western blot analysis of GPX4 in HeLa, C6, MCF-7, SKOV-3 lysates using Glutathione Peroxidase 4 antibody.