

Datasheet for ABIN347063  
**anti-GPX4 antibody (N-Term)**

## 2 Images

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## Overview

Quantity:	100 µL
Target:	GPX4
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPX4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS)

## Product Details

Immunogen:	Synthetic peptide derived from N terminal domain of Seleno-glutathione peroxidases (GPx-4)
Isotype:	IgG
Specificity:	Reacts with human Seleno-glutathione peroxidases (GPx-4)
Cross-Reactivity:	Mouse (Murine), Rat (Rattus)
Cross-Reactivity (Details):	Cross reacts with mouse and rat proteins.
Purification:	Antiserum

## Target Details

Target:	GPX4
Alternative Name:	Seleno-Glutathione Peroxidase 4 (GPx-4) ( <a href="#">GPX4 Products</a> )

## Target Details

**Background:** OTECTS 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. belongs to the glutathione peroxidase family.

**UniProt:** [P36969](#)

## Application Details

**Application Notes:** Working dilution: Optimal dilution should be determined by the end user.  
The following are guidelines only :  
- FC : 1/100 - IHC : 1/100 to 1/1 000 - WB : 1/200

**Restrictions:** For Research Use only

## Handling

**Format:** Lyophilized

**Reconstitution:** Must be reconstituted in distilled water.

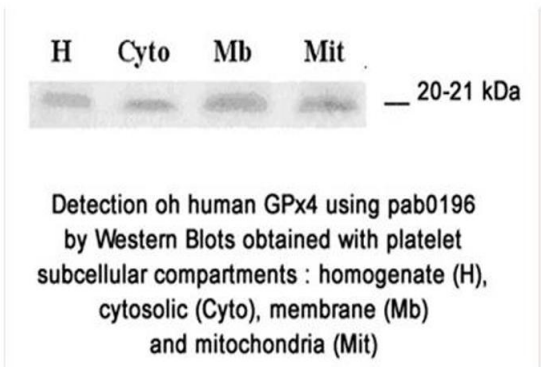
**Storage:** 4 °C/-20 °C

**Storage Comment:** Lyophilized powder stable for a minimum of 2 years at -20°C. Store reconstituted antibodies at +4°C. For extended periods store in aliquots at -20°C. Antibodies are guaranteed for 6 months from date of receipt.

**Expiry Date:** 24 months

## Images

**pab0196 : Seleno-Glutathione Peroxidase 4 (GPx-4)**



**Image 1.**

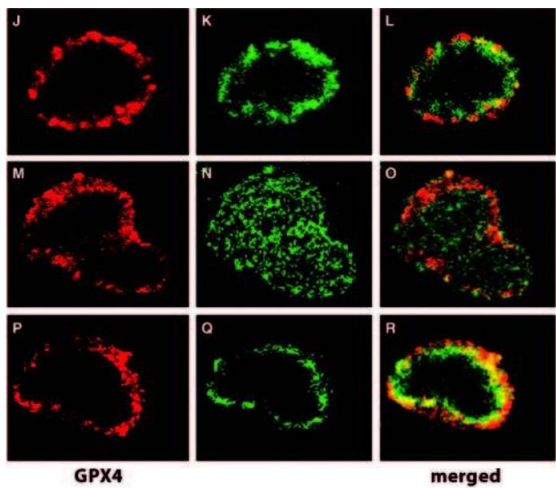


Image 2.