



# AVISCERA BIOSCIENCE

## Anti-Human Plasma Glutathione Peroxidase 3 (GPX3) IgG

### Product Information

Code	A00906-01-100
Name	Human GPX3 Pab
Clone No.	polyclonal
Lot No.	
Size	100 µg
Species	Human
Host	Rabbit
Immunogen	Plasma GPX3 (H), rec.
Ab Type	IgG
Purification	Protein A affinity
Formulation	lyophilized Form without preservatives free
Carry	
Storage	-20 ° C
Specificity	Human
Reconstitution	PBS, 100 µl
Application	ELISA WB IHC

### Preparation

This antibody was produced from a rabbit immunized with purified, *E. coli*-derived, recombinant Human plasma GPX3. That antibody was purified with Protein A affinity.

### Formulation

100 µg of rabbit anti-human plasma GPX3 IgG in 100 µl of PBS without preservatives was lyophilized.

### Reconstitution

Add 100 µl of PBS to the vial to prepare antibody stock solution at 100 µg/100 µl. Store reconstituted antibody at 2 to 8 ° C for up a few weeks. This antibody can also be aliquotted ( by 10 µL per vial) and stored frozen at -20° C to -70° C in a **manual defrost freezer** for up six months without detectable loss of activity.

### Storage

Lyophilized antibody can be stored at 2 ~8 ° C for a few weeks or at -20 ° C for six months. **Avoid repeated freeze-thaw cycles.**

### Specificity

This antibody has been selected for its ability to recognize human plasma GPX3 in direct ELISAs and western blots as well as immunohistochemistry.

### Applications

**Direct ELISA** - This antibody can be used at 1: 2000 (0.5 µg/mL) with the appropriate secondary reagents to detect recombinant human GPX3 (74-226).

**Western blot** - This antibody can be used at 1: 250-500 [2~4 µg/mL] with the appropriate secondary reagents to detect recombinant human GPX3 under reduce condition . The detection limit for rec. human GPX3, approximately at 10 ng/lane under reducing conditions.

**Immunohistochemistry**-That Antibody can be used at 1: 500 ( 2 µg/ml)with the appropriate secondary antibody to detect GPX3 in human lung cancer tissues (ABC).

*Optimal dilutions should be determined by each laboratory for each application.*

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