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## Datasheet for ABIN7178257 **anti-GPX5 antibody (AA 22-219)**

### Overview

Quantity:	100 µg
Target:	GPX5
Binding Specificity:	AA 22-219
Reactivity:	Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPX5 antibody is un-conjugated
Application:	ELISA

### Product Details

Immunogen:	Recombinant Pig Epididymal secretory glutathione peroxidase protein (22-219AA)
Isotype:	IgG
Cross-Reactivity:	Pig
Purification:	>95%, Protein G purified

### Target Details

Target:	GPX5
Alternative Name:	GPX5 ( <a href="#">GPX5 Products</a> )
Background:	Background: May constitute a glutathione peroxidase-like protective system against peroxide damage in sperm membrane lipids. Since the purified porcine enzyme has very little activity

## Target Details

towards hydrogen peroxide or organic hydroperoxides the protective effect is not likely to be exerted by its enzymatic activity. Instead, may protect sperm from premature acrosome reaction in the epididymis by binding to lipid peroxides, which might otherwise interact with phospholipase A2 and induce the acrosome reaction.

Aliases: GPX5Epididymal secretory glutathione peroxidase antibody, EC 1.11.1.9 antibody, Epididymis-specific glutathione peroxidase-like protein antibody, EGLP antibody, Glutathione peroxidase 5 antibody, GPx-5 antibody, GSHPx-5 antibody

UniProt: [O18994](#)

Pathways: [Thyroid Hormone Synthesis](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.