

Datasheet for ABIN350350
anti-GPX3 antibody (N-Term)



[Go to Product page](#)

Overview

Quantity:	500 µg
Target:	GPX3
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPX3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Rabbit antibody to GPX3
Immunogen:	A synthetic peptide from the n-terminal of human Glutathione peroxidase 3 conjugated to an immunogenic carrier protein was used as the antigen. The peptide is homologous in many species including rat and mouse.
Isotype:	IgG
Specificity:	Specific for GSHPx-3.
Cross-Reactivity:	Human, Mouse, Rat
Cross-Reactivity (Details):	Other species not yet tested.
Purification:	IgG

Target Details

Target:	GPX3
Alternative Name:	GPX3 (GPX3 Products)
Background:	Function: Protects cells and enzymes from oxidative damage by catalyzing the reduction of hydrogen peroxide lipid peroxides and organic hydroperoxide by glutathione. Catalytic activity: 2 glutathione + H ₂ O ₂ = glutathione disulfide + 2 H ₂ O. Subcellular location: Secreted.
UniProt:	P22352
Pathways:	Thyroid Hormone Synthesis

Application Details

Application Notes:	IHC WB. A concentration of 10-50,µg/ml is recommended. The optimal concentration should be determined by the end user. Not yet tested in other applications.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute in 500 µl of sterile water. Centrifuge to remove any insoluble material.
Handling Advice:	Avoid freeze and thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain the lyophilised/reconstituted antibodies frozen at -20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.
Expiry Date:	12 months