

Datasheet for ABIN952542
anti-GPX8 antibody (C-Term)



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1 Image

Overview

Quantity:	0.4 mL
Target:	GPX8
Binding Specificity:	AA 163-192, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPX8 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 163-192 amino acids from the C-terminal region of human GPX8
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human GPX8 (C-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	GPX8
Alternative Name:	Glutathione Peroxidase 8 / GPX8 (GPX8 Products)
Target Type:	Viral Protein

Target Details

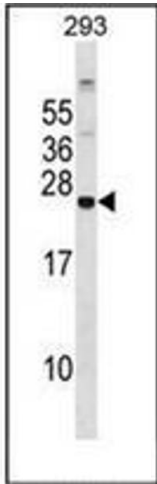
Background:	GPX8 belongs to the glutathione peroxidase family. Glutathione peroxidase is an enzyme whose principal function is to protect against damage from endogenously-formed hydroxyperoxides, catalysing the reduction of hydroxyperoxides by glutathione. Several forms of the enzyme are known. It has a catalytic activity of $2 \text{ glutathione} + \text{H}_2\text{O}_2 = \text{glutathione disulfide} + 2 \text{H}_2\text{O}$.
Molecular Weight:	23881 Da
Gene ID:	493869
NCBI Accession:	NP_001008398
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
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of GPX8 Antibody (C-term) in 293 cell line lysates (35ug/lane). This demonstrates the GPX8 antibody detected the GPX8 protein (arrow).