

Datasheet for ABIN6262071

**anti-Glutathione Peroxidase 7 antibody (Internal Region)**[Go to Product page](#)**2** Images

## Overview

Quantity:	100 µL
Target:	Glutathione Peroxidase 7 (GPX7)
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Glutathione Peroxidase 7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	A synthesized peptide derived from human GPX7, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	GPX7 Antibody detects endogenous levels of total GPX7.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

## Target Details

Target:	Glutathione Peroxidase 7 (GPX7)
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## Target Details

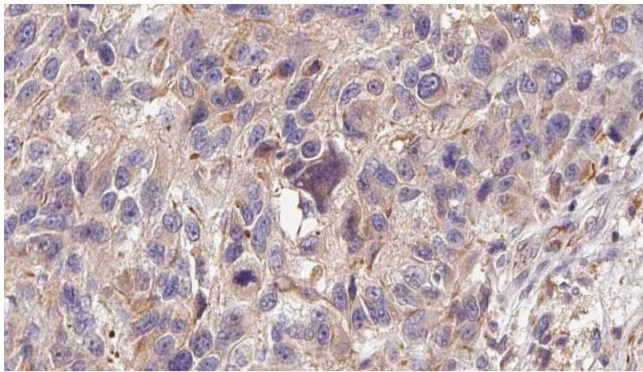
Alternative Name:	GPX7 ( <a href="#">GPX7 Products</a> )
Background:	<p>Description: It protects esophageal epithelia from hydrogen peroxide-induced oxidative stress. It suppresses acidic bile acid-induced reactive oxygen species (ROS) and protects against oxidative DNA damage and double-strand breaks.</p> <p>Gene: GPX7</p>
Molecular Weight:	21 kDa
Gene ID:	2882
UniProt:	<a href="#">Q96SL4</a>
Pathways:	<a href="#">Thyroid Hormone Synthesis</a>

## Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200
Restrictions:	For Research Use only

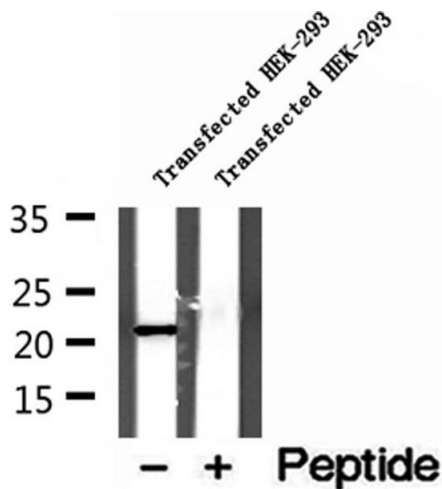
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



### Immunohistochemistry

**Image 1.** ABIN6273000 at 1/100 staining Human Melanoma tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



### Western Blotting

**Image 2.** Western blot analysis of extracts of Transfected HEK-293 cells, using GPX7 antibody.