

Datasheet for ABIN488068

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

## Overview

Quantity:	0.1 mL
Target:	Glutathione Peroxidase 7 (GPX7)
Binding Specificity:	AA 1-176, N-Term
Reactivity:	Human, Chimpanzee
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Glutathione Peroxidase 7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 176 of Human Glutathione Peroxidase 7.
Specificity:	Recognizes Glutathione Peroxidase 7 (GPX7) Cellular Localization: Secreted. Cellular Localization:
Cross-Reactivity (Details):	Species reactivity (expected): Chimpanzee (100 %). Species reactivity (tested): Human.
Purification:	Antigen-Affinity Chromatography.

## Target Details

Target:	Glutathione Peroxidase 7 (GPX7)
Alternative Name:	Glutathione Peroxidase 7 / GPX7 ( <a href="#">GPX7 Products</a> )

## Target Details

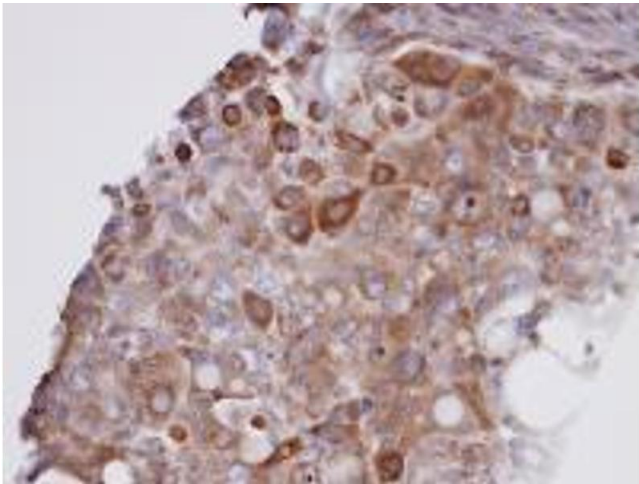
Background:	Glutathione peroxidase 7 (GPX7) belongs to an enzyme family with peroxidase activity whose main biological role is to protect the organism from oxidative damage. The biochemical function of glutathione peroxidase is to reduce lipid hydroperoxides to their corresponding alcohols and to reduce free hydrogen peroxide to water. There are several isozymes encoded by different genes, which vary in cellular location and substrate specificity.Synonyms: CL683, GSHPx-7
Gene ID:	2882, 9606
UniProt:	<a href="#">Q96SL4</a>
Pathways:	<a href="#">Thyroid Hormone Synthesis</a>

## Application Details

Application Notes:	Western blotting: 1/500-1/3000. Immunohistochemistry on Formalin-Fixed Paraffin-Embedded Sections. Positive Control: 293T Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

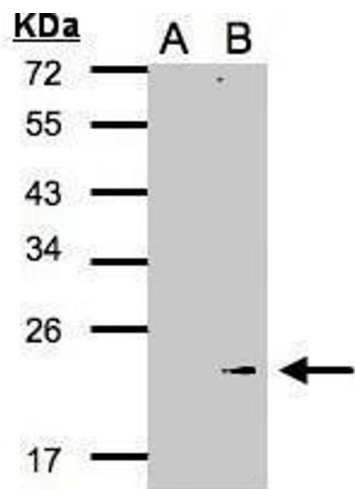
## Handling

Format:	Liquid
Concentration:	0.52 mg/mL
Buffer:	0.1 M Tris, 0.1 M Glycine, 10 % Glycerol ( pH 7), 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains thimerosal (merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store the antibody undiluted (in aliquots) at -20 °C.



Immunohistochemistry (Paraffin-embedded Sections)

**Image 1. Figure 2.** Glutathione peroxidase 7 antibody staining of Paraffin-Embedded H441 xenograft at 1/100 dilution.



Western Blotting

**Image 2. Figure 1.** Glutathione peroxidase 7 antibody staining of transfected 293T cell line (12% SDS PAGE) A: Non-transfected 293T cell lysate. B: Glutathione Peroxidase 7 transfected 293T cell lysate.