

[Go to Product page](#)

Datasheet for ABIN1714004

anti-Glutathione Peroxidase 7 antibody (AA 11-110)

Overview

Quantity:	100 µL
Target:	Glutathione Peroxidase 7 (GPX7)
Binding Specificity:	AA 11-110
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Glutathione Peroxidase 7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GPX7/Glutathione Peroxidase 7
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Cow,Chicken,Rabbit,Monkey
Purification:	Purified by Protein A.

Target Details

Target:	Glutathione Peroxidase 7 (GPX7)
---------	---------------------------------

Target Details

Alternative Name:	GPX7/Glutathione Peroxidase 7 (GPX7 Products)
Background:	<p>Synonyms: CL683, FLJ14777, Glutathione peroxidase 7, GPx-7, GPX6, GPX7, GPX7_HUMAN, GSHPx-7, NPGPx.</p> <p>Background: Glutathione peroxidase (GPx) enzymes are generally selenium-containing tetrameric glycoproteins that help prevent lipid peroxidation of cell membranes. GPx enzymes reduce lipid hydroperoxides to alcohols and reduce free hydrogen peroxide to water. GPx members are among the few proteins known in higher vertebrates to contain selenocysteine, which occurs at the active site of glutathione peroxidase and is coded by the nonsense (stop) codon TGA. There are eight GPx homologs (GPx-18). GPx-7 (glutathione peroxidase 7), also known as GPX6, CL683 or NPGPx, is a 187 amino acid secreted protein belonging to the glutathione peroxidase family. GPx-7 catalyzes the reaction of glutathione into glutathione disulfide and is encoded by a gene located on human chromosome 1, which spans 260 million base pairs, contains over 3,000 genes and comprises nearly 8 % of the human genome.</p>
Gene ID:	2882
Pathways:	Thyroid Hormone Synthesis

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months