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Datasheet for ABIN7442147

anti-Glutathione Reductase antibody (AA 240-500)

6 Images

Overview

Quantity:	100 µL
Target:	Glutathione Reductase (GSR)
Binding Specificity:	AA 240-500
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Glutathione Reductase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Glutathione Reductase (GR)
Immunogen:	Recombinant Glutathione Reductase (GR) corresponding to Arg240~Arg500 (Accession # P47791)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against GR. It has been selected for its ability to recognize GR in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

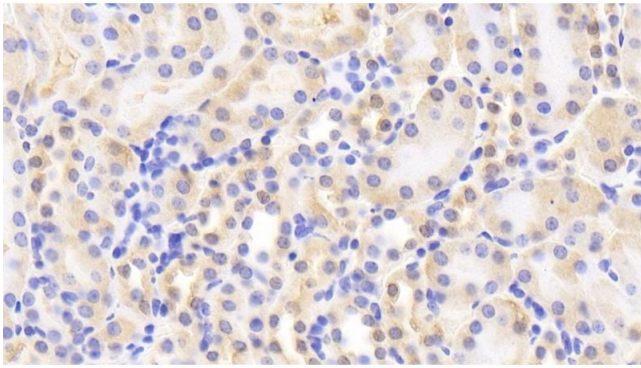
Target:	Glutathione Reductase (GSR)
Alternative Name:	Glutathione Reductase (GSR Products)
Background:	GSR, GLUR, GRD1, Glutathione reductase, mitochondrial
Pathways:	Thyroid Hormone Synthesis , Cell RedoxHomeostasis

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

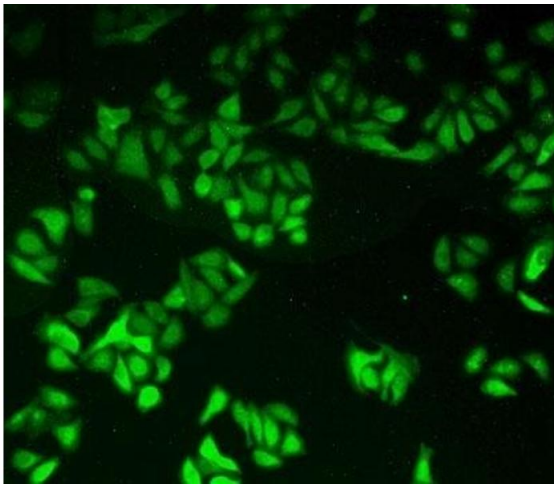
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
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:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



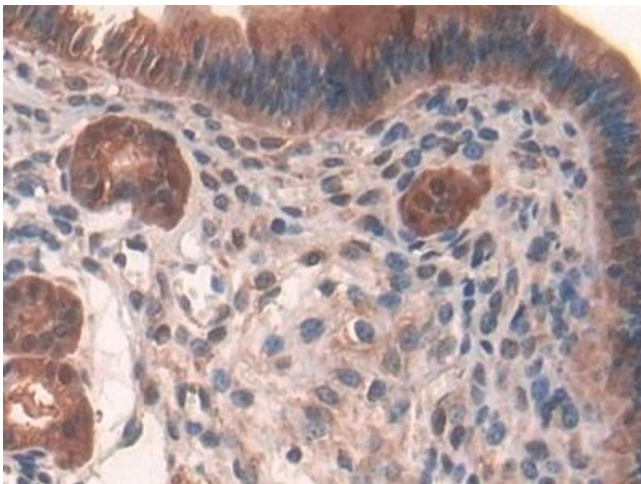
Immunohistochemistry

Image 1. Detection of GR in Mouse Kidney Tissue using Polyclonal Antibody to Glutathione Reductase (GR)



Immunohistochemistry

Image 2. Detection of GR in Human HeLa Cells using Polyclonal Antibody to Glutathione Reductase (GR)



Immunohistochemistry

Image 3. Detection of GR in Mouse Uterus Tissue using Polyclonal Antibody to Glutathione Reductase (GR)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7442147.