

Datasheet for ABIN7433441

anti-Glutathione Reductase antibody (AA 7-246)[Go to Product page](#)**3** Images

Overview

Quantity:	100 µL
Target:	Glutathione Reductase (GSR)
Binding Specificity:	AA 7-246
Reactivity:	Rat
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 Pro7~Leu246 with N-terminal His Tag
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:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

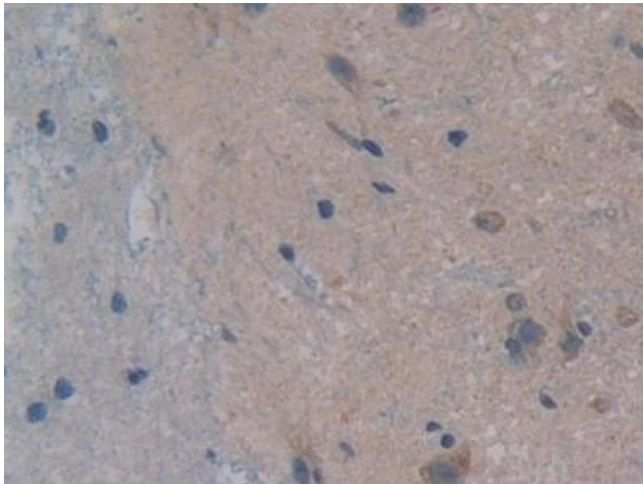
Target:	Glutathione Reductase (GSR)
Alternative Name:	Glutathione Reductase (GSR Products)
Background:	GSR, GLUR, GRD1, Glutathione reductase, mitochondrial
Pathways:	Thyroid Hormone Synthesis , Cell RedoxHomeostasis

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL 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

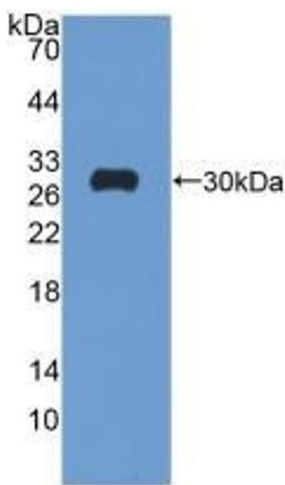
Handling

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



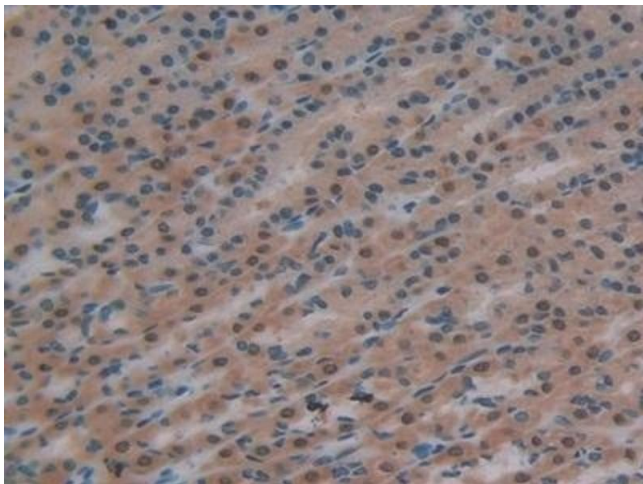
Immunohistochemistry

Image 1. Detection of GR in Rat Spinal cord Tissue using Polyclonal Antibody to Glutathione Reductase (GR)



Western Blotting

Image 2. Detection of Recombinant GR, Rat using Polyclonal Antibody to Glutathione Reductase (GR)



Immunohistochemistry

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