Datasheet for ABIN7235112

anti-Glutathione Reductase antibody

2 Images

Go to Product page

Overview

Quantity:	200 µL
Target:	Glutathione Reductase (GSR)
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant protein of human GSR
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	Glutathione Reductase (GSR)
Alternative Name:	GSR (GSR Products)
Background:	This gene encodes a member of the class-I pyridine nucleotide-disulfide oxidoreductase family. This enzyme is a homodimeric flavoprotein. It is a central enzyme of cellular antioxidant defense, and reduces oxidized glutathione disulfide (GSSG) to the sulfhydryl form GSH, which is an important cellular antioxidant. Rare mutations in this gene result in hereditary glutathione reductase deficiency. Multiple alternatively spliced transcript variants encoding different

Target Details

	isoforms have been found.
Molecular Weight:	56 kDa
UniProt:	P00390
Pathways:	Thyroid Hormone Synthesis, Cell RedoxHomeostasis

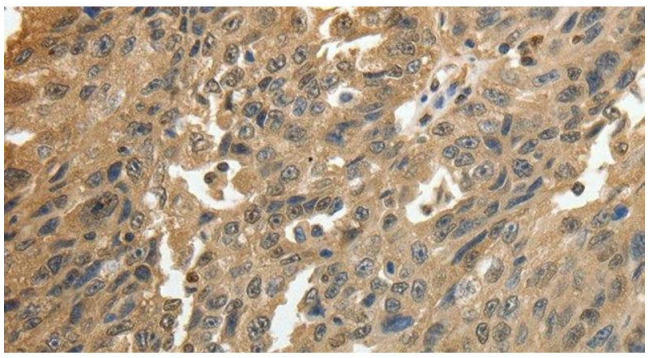
Application Details

Application Notes:	WB 1:1000-1:5000, IHC 1:50-1:200
Restrictions:	For Research Use only

Handling

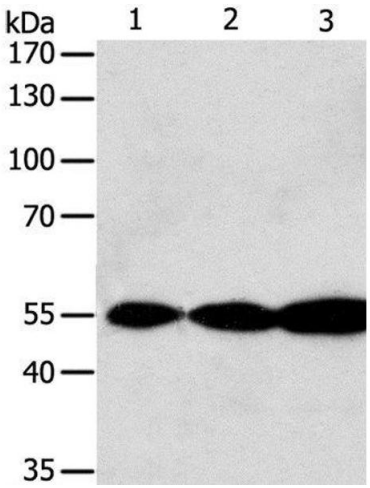
Format:	Liquid
Concentration:	0.4 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human ovarian cancer using GSR Polyclonal Antibody at dilution of 1:50



Western Blotting

Image 2. Western Blot analysis of Jurkat, Hela and A549 cell using GSR Polyclonal Antibody at dilution of 1:750