

Datasheet for ABIN7384447

anti-Glutathione Reductase antibody[Go to Product page](#)

Overview

Quantity:	50 µL
Target:	Glutathione Reductase (GSR)
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Glutathione Reductase antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Clone:	R08-2E4
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	Glutathione Reductase (GSR)
Alternative Name:	Glutathione Reductase (GSR Products)
Background:	GLR1, GLUR, Glutathione reductase, Glutathione reductase mitochondrial, Glutathione reductase, mitochondrial, GR, Gr1, GRase, GRD 1, GRD1, GSHR, GSR, MGC78522, 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

Target Details

	antioxidant. Rare mutations in this gene result in hereditary glutathione reductase deficiency. Multiple alternatively spliced transcript variants encoding different isoforms have been found.
Molecular Weight:	Observed_MW: 51kDa Calculated_MW: 56kDa
Gene ID:	2936
UniProt:	P00390
Pathways:	Thyroid Hormone Synthesis, Cell RedoxHomeostasis

Application Details

Application Notes:	WB 1:500-1:2000
Restrictions:	For Research Use only

Handling

Concentration:	300 µg/mL
Buffer:	50 mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40 % Glycerol, 0.01 % Sodium azide and 0.05 % BSA
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.