

## DATASHEET

# Glutathione Reductase Rabbit Polyclonal Antibody

CAT. NO. APA14058

### KEY FEATURES

Target	Glutathione Reductase	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

### BACKGROUND

Catalyzes the reduction of glutathione disulfide (GSSG) to reduced glutathione (GSH). Constitutes the major mechanism to maintain a high GSH:GSSG ratio in the cytosol.

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

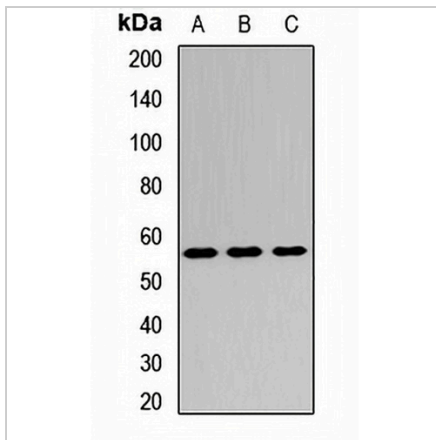
Description	Rabbit polyclonal antibody to Glutathione Reductase
Specificity	Recognizes endogenous levels of Glutathione Reductase protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Glutathione Reductase
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 47; Observed: 55 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	GLUR; GRD1; Glutathione reductase mitochondrial; GR; GRase
Gene Symbol	GSR
Entrez Gene	2936(Human); 14782(Mouse)
SwissProt	P00390(Human); P47791(Mouse); P70619(Rat)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of Glutathione Reductase expression in A549 (A), Jurkat (B), mouse brain (C) whole cell lysates. (Predicted band size: 47; 50; 51; 53; 56 kD; Observed band size: 55 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.