

Datasheet: VPA00735

Description:	RABBIT ANTI GLUTATHIONE REDUCTASE
Specificity:	GLUTATHIONE REDUCTASE
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Preparation

Rabbit polyclonal antibody purified by affinity chromatography on Protein A.

Buffer Solution

HEPES buffered saline.

Preservative Stabilisers

0.09% Sodium Azide
1% Bovine Serum Albumin
<50% Glycerol

Immunogen

E. coli-derived recombinant human glutathione reductase

External Database Links	UniProt: P00390 Related reagents Entrez Gene: 2936 GSR Related reagents
Synonyms	GLUR, GRD1
Specificity	<p>Rabbit anti Human glutathione reductase antibody recognizes glutathione reductase, mitochondrial, also known as GR, GRase or epididymis luminal protein 75.</p> <p>The GSR 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 GSR result in hereditary glutathione reductase deficiency. Multiple alternatively spliced transcript variants encoding different isoforms have been found (provided by RefSeq, Aug 2010).</p> <p>Rabbit anti Human glutathione reductase antibody detects a band of 56 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Rabbit anti glutathione reductase detects a band of approximately 56 kDa in HeLa cell lysates.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Guarantee	12 months from date of despatch.
Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories.
Health And Safety Information	Material Safety Datasheet documentation #20359 available at: https://www.bio-rad-antibodies.com/SDS/VPA00735 Antibody (20359)
Regulatory	For research purposes only.

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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