



# Anti-GSR polyclonal antibody (CABT-BL1693)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	Recombinant protein corresponding to amino acids 44-522 of human GSR.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC
<b>Format</b>	Liquid
<b>Buffer</b>	In HEPES, 260mM NaCl (50% glycerol, 0.01% BSA, 0.03% sodium azide)
<b>Preservative</b>	0.03% Sodium Azide
<b>Storage</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

## BACKGROUND

<b>Introduction</b>	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 isoforms have been found. [provided by RefSeq, Aug 2010]
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## GENE INFORMATION

Entrez Gene ID [2936](#)

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Protein Refseq [NP\\_000628](#)

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UniProt ID [P00390](#)

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