Product Datasheet

Anti-Glutathione Reductase Rabbit pAb

WL04203

For Research Use Only.Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Glutathione Reductase Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat, Rabbit	
Tested applications	WB	1:1000-1:2000
	IHC, IF	1:200-1:400
Cellular localization	Cytoplasm and Mitochondrion	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

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.Glutathione reductase, also designated Glutathione reductase mitochondrial precursor, GRase, GSR or GR, belongs to the class-I pyridine nucleotidedisulfide oxidoreductase family. The main function of the protein is to maintain high levels of reduced Glutathione in the cytosol.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Glutathione Reductase.

Purification

Polyclonal antibody was purified by protein A affinity chromatography.

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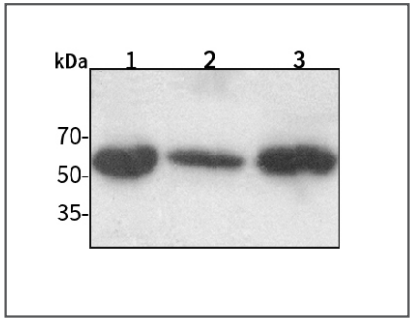
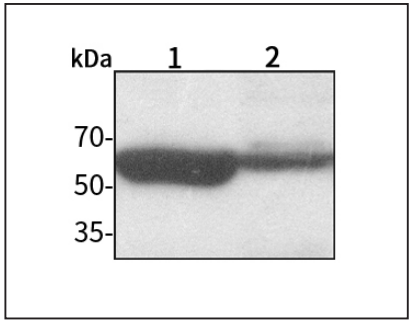
Product Images



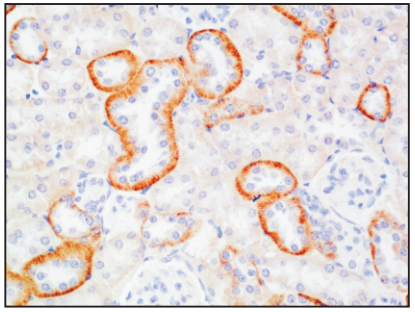
Western blot-Anti-Glutathione Reductase pAb

Lane 1: Human A549 cell lysate
Lane 2: Human HUVEC cell lysate
Lane 3: Human SW480 cell lysate
All lanes: Anti-Glutathione Reductase at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 56 kDa
Observed band size: 50-65 kDa



Western blot-Anti-Glutathione Reductase pAb

Lane 1: Mouse kidney tissue lysate
Lane 2: Rat stomach tissue lysate
All lanes: Anti-Glutathione Reductase at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 56 kDa
Observed band size: 50- 65 kDa



Immunohistochemistry-Anti-Glutathione Reductase pAb

Immunohistochemical analysis of paraffin-embedded mouse kidney using anti-Glutathione Reductase Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

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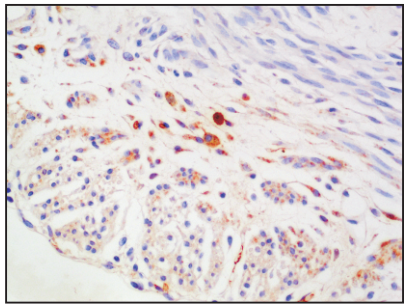
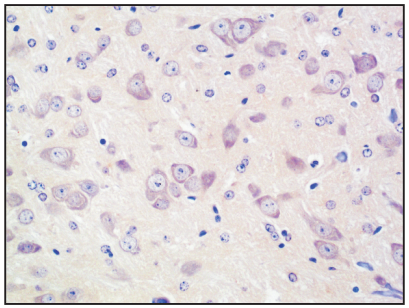


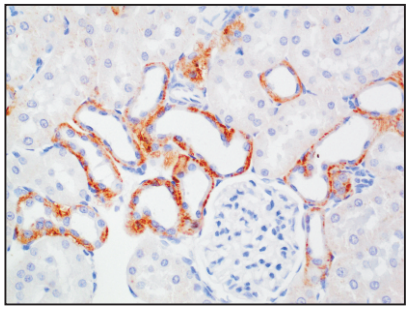
Immunohistochemistry-Anti-Glutathione Reductase pAb

Immunohistochemical analysis of paraffin-embedded mouse uterus using anti-Glutathione Reductase Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-Glutathione Reductase pAb

Immunohistochemical analysis of paraffin-embedded mouse brain using anti-Glutathione Reductase Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-Glutathione Reductase pAb

Immunohistochemical analysis of paraffin-embedded rat kidney using anti-Glutathione Reductase Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

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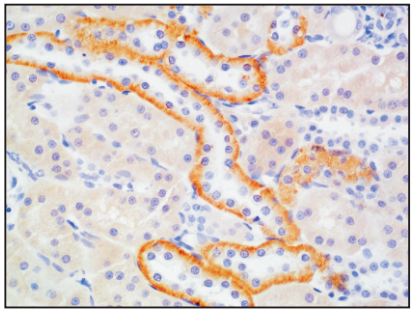
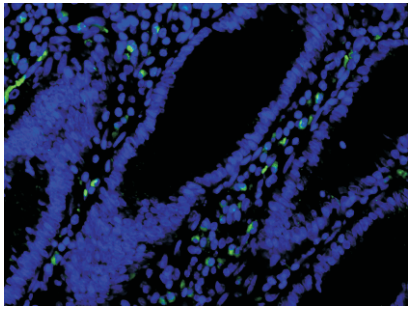


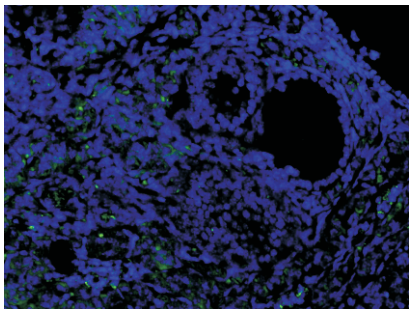
Immunohistochemistry-Anti-Glutathione Reductase pAb

Immunohistochemical analysis of paraffin-embedded rabbit kidney using anti-Glutathione Reductase Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-Glutathione Reductase pAb

Immunofluorescence analysis of paraffin-embedded human colon cancer using anti-Glutathione Reductase Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-Glutathione Reductase pAb

Immunofluorescence analysis of paraffin-embedded mouse ovary using anti-Glutathione Reductase Rabbit Antibody at 1:200 dilution.
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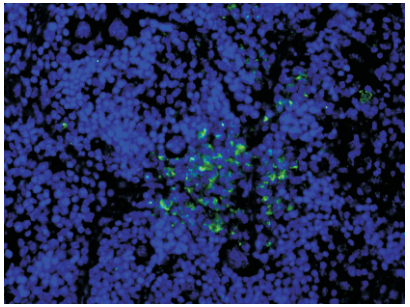
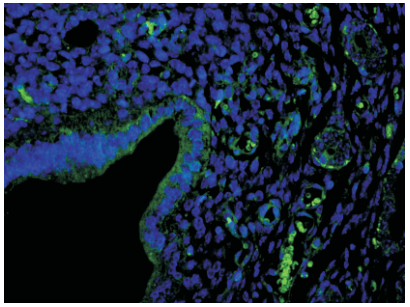


Immunofluorescence-Anti-Glutathione Reductase pAb

Immunofluorescence analysis of paraffin-embedded mouse spleen using anti-Glutathione Reductase Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-Glutathione Reductase pAb

Immunofluorescence analysis of paraffin-embedded mouse uterus using anti-Glutathione Reductase Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0