

Rabbit anti-Human GSR Polyclonal Antibody | anti-GSR antibody

GSR Antibody

CATALOG # AAA304301	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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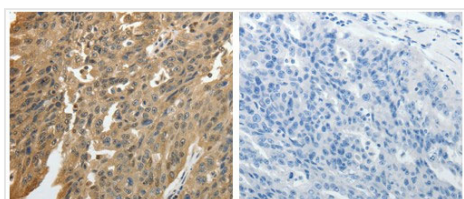
PRODUCT SYNONYMS

GSR; Polyclonal Antibody; GSR Antibody; Glutathione reductase; anti-GSR antibody

PRODUCT SPECIFICATIONS

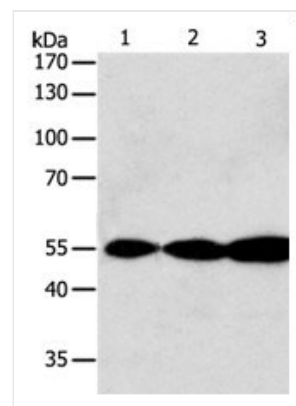
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total GSR protein.
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.4 mg/ml (varies by lot)
Sequence Length	1748
Applicable Applications for anti-GSR antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Recombinant protein
Immunogen Description	Fusion protein corresponding to a region derived from 274-475 amino acids of human glutathione reductase
Target Name	GSR
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded human ovarian cancer tissue using 31078 (GSR Antibody) at dilution 1/50, on the right is treated with the fusion protein.



Application Data

Gel: 10%SDS-PAGE
Lane1: Jurkat cell lysate
Lane2: HeLa cell lysate
Lane3: A549 cell lysate
Lysates: 40 ug per lane
Primary antibody: 1/750 dilution
Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution
Exposure time: 30 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-GSR antibody	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.
Product Categories/Family for anti-GSR antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	46622521
NCBI GeneID	2936
Molecular Weight	Predicted MW: 56kd
NCBI Official Full Name	Homo sapiens glutathione reductase, mRNA
NCBI Official Synonym Full Names	glutathione reductase
NCBI Official Symbol	GSR
NCBI Official Synonym Symbols	HEL-75
NCBI Protein Information	glutathione reductase, mitochondrial
UniProt Protein Name	Glutathione reductase, mitochondrial
UniProt Gene Name	GSR
UniProt Synonym Gene Names	GLUR; GRD1; GR; GRase
UniProt Entry Name	GSHR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gsr-antibody-immunohistochemistry-western-blot-elisa/304301>