



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic)



Product Number	ARP54344_P050-HRP
Product Page	www.avivasysbio.com/gsr-antibody-n-terminal-region-hrp-arp54344-p050-hrp.html
Name	GSR Antibody - N-terminal region : HRP (ARP54344_P050-HRP)
Protein Size (# AA)	522 amino acids
Molecular Weight	56kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	2936
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Glutathione reductase
Alias Symbols	GR, GSRD, HEL-75, HEL-S-122m
Peptide Sequence	Synthetic peptide located within the following region: PTIEVSGKKYTAPHILATGGMPSTPHESQIPGASLGITSDGFFQLEELP
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Senturk,M., (2008) J Enzyme Inhib Med Chem 23 (1), 144-148
Description of Target	GSR belongs to the class-I pyridine nucleotide-disulfide oxidoreductase family. It maintains high levels of reduced glutathione in the cytosol. Both glutathione and glutathione reductase are inducible by D3T, and that upregulation of GSH biosynthesis underlies D3T-mediated cytoprotection against ROS/RNS-elicited injury to human vascular smooth muscle cells.
Protein Interactions	SUMO1; CNDP2; GINS2; PROSC; AHSA1; NDRG1; DDX39A; NAMPT; KYNU; DDX39B; RPS6KA1; PEPD; MVD; LDHA; HSPD1; GBP2; EEF2; ADSS; C11orf49; UBC; FOLR1; ISG15; ELAVL1; SUMO4; PJA1; OCM; GSR;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-GSR (ARP54344_P050-HRP) antibody
Blocking Peptide	For anti-GSR (ARP54344_P050-HRP) antibody is Catalog # AAP54344 (Previous Catalog # AAPP31092)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human GSR
Uniprot ID	P00390
Protein Name	Glutathione reductase, mitochondrial
Sample Type Confirmation	GSR is supported by BioGPS gene expression data to be expressed in 721_B, HepG2
Protein Accession #	NP_000628
Purification	Affinity Purified
Nucleotide Accession #	NM_000637
Gene Symbol	GSR
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	IHC, WB

Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 93%; Guinea Pig: 100%; Horse: 86%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 93%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.