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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

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Product Number	ARP54301_P050-HRP
Product Page	www.avivasysbio.com/gss-antibody-n-terminal-region-hrp-arp54301-p050-hrp.html
Name	GSS Antibody - N-terminal region : HRP (ARP54301_P050-HRP)
Protein Size (# AA)	474 amino acids
Molecular Weight	52kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	2937
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	glutathione synthetase
Alias Symbols	GSHS, HEL-S-64p, HEL-S-88n
Peptide Sequence	Synthetic peptide located within the following region: QIEINTISASFGGLASRTPAVHRHVLVLSKTKEAGKILSNPSKGLALG
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Description of Target	Glutathione is important for a variety of biological functions, including protection of cells from oxidative damage by free radicals, detoxification of xenobiotics, and membrane transport. The protein encoded by this gene functions as a homodimer to catalyze the second step of glutathione biosynthesis, which is the ATP-dependent conversion of gamma-L-glutamyl-L-cysteine to glutathione. Defects in this gene are a cause of glutathione synthetase deficiency.
Protein Interactions	GSS; UBC; GINS3; OLA1; DCPS; ABHD14A; RRAGB; PDIA4; USP14; YWHAH; YWHAG; YWHAE; YWHAB; VCL; RAP1GDS1; PPP5C; PAFAH1B2; MVK; MSN; HMGB3; ECHS1; TBCB; ASS1; ASNS; CDK9; TERF1; GSTZ1;
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-GSS (ARP54301_P050-HRP) antibody
Blocking Peptide	For anti-GSS (ARP54301_P050-HRP) antibody is Catalog# AAP54301
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human GSHB
Uniprot ID	P48637
Protein Name	glutathione synthetase
Protein Accession #	XP_005260463
Purification	Affinity purified
Gene Symbol	GSS
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Yeast, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 91%; Zebrafish: 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.

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