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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP55098_P050-FITC
Product Page	www.avivasysbio.com/gls-antibody-c-terminal-region-fitc-arp55098-p050-fitc.html
Name	GLS Antibody - C-terminal region : FITC (ARP55098_P050-FITC)
Protein Size (# AA)	669 amino acids
Molecular Weight	73kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	2744
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Glutaminase
Alias Symbols	GAC, GAM, KGA, GLS1, AAD20, DEE71, GDPAG, CASGID, EIEE71
Peptide Sequence	Synthetic peptide located within the following region: VNPFPKDRWNNTPMDEALHFGHHDVFKILQEYQVOYTPQGDS DNGKENQT
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Sahai (1983) [PubMed 6825316]
Description of Target	Sahai (1983) [PubMed 6825316] demonstrated phosphate-activated glutaminase (EC 3.5.1.2) in human platelets. It is the major enzyme yielding glutamate from glutamine. Significance of the enzyme derives from its possible implication in behavior disturbances
Protein Interactions	UBC; PEPD; MVD; GNS; MYL12A; GDA; EIF5A; CAPN1; ATF2; ATXN10; CUL5; TAX1BP3; PARD6A; SNTA1;
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-GLS (ARP55098_P050-FITC) antibody
Blocking Peptide	For anti-GLS (ARP55098_P050-FITC) antibody is Catalog # AAP55098 (Previous Catalog # AAPP32716)
Immunogen	The immunogen is a synthetic peptide directed towards the c terminal region of human GLS
Uniprot ID	O94925
Protein Name	Glutaminase kidney isoform, mitochondrial
Sample Type Confirmation	GLS is strongly supported by BioGPS gene expression data to be expressed in ACHN
Protein Accession #	NP_055720
Purification	Affinity Purified
Nucleotide Accession #	NM_014905
Gene Symbol	GLS
Predicted Species Reactivity	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Dog: 86%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 86%; 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.

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