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Produktinformation



Forschungsprodukte & Biochemikalien



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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	ARP58580_P050-Biotin
Product Page	www.avivasysbio.com/gapdh-antibody-middle-region-biotin-arp58580-p050-biotin.html
Name	GAPDH Antibody - middle region : Biotin (ARP58580_P050-Biotin)
Protein Size (# AA)	335 amino acids
Molecular Weight	36kDa
Conjugation	Biotin
NCBI Gene Id	2597
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Glyceraldehyde-3-phosphate dehydrogenase
Alias Symbols	G3PD, GAPD, HEL-S-162eP
Peptide Sequence	Synthetic peptide located within the following region: KAGAHLQGGAKRVIISAPSADAPMFVMGVNHEKYDNSLKIISNASCTNC
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Rinne, T., (2008) Hum. Mol. Genet. 17 (13), 1968-1977
Description of Target	GAPDH catalyzes an important energy-yielding step in carbohydrate metabolism, the reversible oxidative phosphorylation of glyceraldehyde-3-phosphate in the presence of inorganic phosphate and nicotinamide adenine dinucleotide (NAD). The enzyme exists as a
Protein Interactions	FUS; HUWE1; UBC; SUMO2; SUMO3; STAU1; MDM2; GAPDH; ASB15; ASB16; RPA3; RPA2; RPA1; EED; SNCA; rev; HSPA9; HSPA1L; GAS7; TUBA1A; TUFM; RAP1GDS1; PPP5C; PPIB; YWHAG; TUBB; TUBA1C; PRPF40A; UBQLN1; DCPS; MAT2B; ACOT7; METAP2; FERMT2; GBP1; EEF1A1; TYMP; DFFA
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-GAPDH (ARP58580_P050-Biotin) antibody
Blocking Peptide	For anti-GAPDH (ARP58580_P050-Biotin) antibody is Catalog # AAP58580 (Previous Catalog # AAPP35526)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human GAPDH
Uniprot ID	P04406
Protein Name	Glyceraldehyde-3-phosphate dehydrogenase
Sample Type Confirmation	There is BioGPS gene expression data showing that GAPDH is expressed in U87
Protein Accession #	NP_002037
Purification	Affinity Purified
Nucleotide Accession #	NM_002046
Gene Symbol	GAPDH
Predicted Species Reactivity	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Rabbit
Application	WB

Predicted Homology Based on Immunogen Sequence	Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 90%; Rat: 100%
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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