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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54346_P050-Biotin
Product Page	www.avivasysbio.com/alas1-antibody-n-terminal-region-biotin-arp54346-p050-biotin.html
Name	ALAS1 Antibody - N-terminal region : Biotin (ARP54346_P050-Biotin)
Protein Size (# AA)	640 amino acids
Molecular Weight	70kDa
Conjugation	Biotin
NCBI Gene Id	211
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Aminolevulinate, delta-, synthase 1
Alias Symbols	ALAS, MIG4, ALAS3, ALASH, ALAS-H
Peptide Sequence	Synthetic peptide located within the following region: ETSAGPSVSVKTDGGDPSGLLKNEFDIMQKQRPVSHLLQDNLPKSVS
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Jung,M., (2007) Urologe A 46 (9), 1083-1084
Description of Target	Delta-aminolevulinate synthase (ALAS; EC 2.3.1.37) catalyzes the condensation of glycine with succinyl-CoA to form delta-aminolevulinic acid. This nuclear-encoded mitochondrial enzyme is the first and rate-limiting enzyme in the mammalian heme biosynthetic pathway. There are 2 tissue-specific isozymes: a housekeeping enzyme encoded by the ALAS1 gene and an erythroid tissue-specific enzyme encoded by ALAS2.
Protein Interactions	FAM127C; KLHL35; ZNF564; TEK14; DUSP19; SNX20; MTFR2; LONRF1; ZMAT1; CDC73; TTC23; CERK; SH2D4A; EP400; C2orf42; GNL3L; CCHCR1; POLDIP2; ZFYVE26; USP20; TMSB10; ZNF175; WIPF1; UBC; TMSB4XP6; TMSB4XP2; TMSB4XP1; TMSB4X; TCEA2; PPL; BCL7A; ALAS1; PLAU; VHL;
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-ALAS1 (ARP54346_P050-Biotin) antibody
Blocking Peptide	For anti-ALAS1 (ARP54346_P050-Biotin) antibody is Catalog # AAP54346 (Previous Catalog # AAPP31094)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ALAS1
Uniprot ID	P13196
Protein Name	5-aminolevulinate synthase, nonspecific, mitochondrial
Protein Accession #	NP_000679
Purification	Affinity Purified
Nucleotide Accession #	NM_000688
Gene Symbol	ALAS1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%; Sheep: 93%; Zebrafish: 86%

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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