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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

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	ARP58736_P050-Biotin
Product Page	www.avivasysbio.com/aldh1a1-antibody-n-terminal-region-biotin-arp58736-p050-biotin.html
Name	ALDH1A1 Antibody - N-terminal region : Biotin (ARP58736_P050-Biotin)
Protein Size (# AA)	230 amino acids
Molecular Weight	25kDa
Conjugation	Biotin
NCBI Gene Id	216
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	aldehyde dehydrogenase 1 family member A1
Alias Symbols	ALDC, ALDH1, HEL-9, HEL12, PUMB1, ALDH11, RALDH1, ALDH-E1, HEL-S-53e
Peptide Sequence	Synthetic peptide located within the following region: PDLPVLLTDLKIQYTKIFINNEWHDSVSGKKFPVFNPAATEELCQVEEGD
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	The protein encoded by this gene belongs to the aldehyde dehydrogenase family. Aldehyde dehydrogenase is the next enzyme after alcohol dehydrogenase in the major pathway of alcohol metabolism. There are two major aldehyde dehydrogenase isozymes in the liver, cytosolic and mitochondrial, which are encoded by distinct genes, and can be distinguished by their electrophoretic mobility, kinetic properties, and subcellular localization. This gene encodes the cytosolic isozyme. Studies in mice show that through its role in retinol metabolism, this gene may also be involved in the regulation of the metabolic responses to high-fat diet.
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-ALDH1A1 (ARP58736_P050-Biotin) antibody
Blocking Peptide	For anti-ALDH1A1 (ARP58736_P050-Biotin) antibody is Catalog # AAP58736
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of human ALDH1A1
Uniprot ID	P00352
Protein Name	retinal dehydrogenase 1
Protein Accession #	NP_000680.2
Purification	Affinity Purified
Nucleotide Accession #	NM_000689.4
Gene Symbol	ALDH1A1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit, Sheep, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 92%; Horse: 100%; Human: 100%; Mouse: 92%; Pig: 100%; Rabbit: 86%; Rat: 92%; Sheep: 100%; Zebrafish: 82%

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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6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com