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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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ALDH3B1 Antibody - N-terminal region : HRP (ARP54347_P050-HRP)

Data Sheet

Product Number	ARP54347_P050-HRP
Product Page	www.avivasysbio.com/aldh3b1-antibody-n-terminal-region-hrp-arp54347-p050-hrp.html
Name	ALDH3B1 Antibody - N-terminal region : HRP (ARP54347_P050-HRP)
Protein Size (# AA)	468 amino acids
Molecular Weight	52kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	221
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Aldehyde dehydrogenase 3 family, member B1
Alias Symbols	ALDH4, ALDH7
Peptide Sequence	Synthetic peptide located within the following region: DPLGDTLRRRLREAFHAGRTRPAEFRAAQQLGLGRFLQENKQLLHDALAQD
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Marchitti, S.A., (2007) Biochem. Biophys. Res. Commun. 356 (3), 792-798
Description of Target	The aldehyde dehydrogenases are a family of isozymes that may play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation. ALDH3B1 is highly expressed in kidney and lung. The aldehyde dehydrogenases are a family of isozymes that may play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation. This particular gene spans about 20 kb of genomic DNA and is composed of 9 coding exons. The gene encodes a single transcript of 2.8 kb which is highly expressed in kidney and lung. The functional significance of this gene as well as the cellular localization of its product are presently unknown. Two transcript variants encoding different isoforms have been found for this gene.
Protein Interactions	NOTCH2NL; KRTAP10-3; KRTAP10-8; KRTAP10-5; KRTAP10-9; KRTAP10-7; KRT40; KRTAP4-2; UBC; KRT31; BAG3; NOS2;
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-ALDH3B1 (ARP54347_P050-HRP) antibody
Blocking Peptide	For anti-ALDH3B1 (ARP54347_P050-HRP) antibody is Catalog # AAP54347 (Previous Catalog # AAP31095)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ALDH3B1
Uniprot ID	P43353
Protein Name	Aldehyde dehydrogenase family 3 member B1
Sample Type Confirmation	ALDH3B1 is strongly supported by BioGPS gene expression data to be expressed in HeLa ALDH3B1 is supported by BioGPS gene expression data to be expressed in Jurkat
Protein Accession #	NP_000685
Purification	Affinity Purified
Nucleotide Accession #	NM_000694
Gene Symbol	ALDH3B1

Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 86%; Dog: 83%; Guinea Pig: 86%; Horse: 86%; Human: 100%; Mouse: 93%; 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.