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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58417_P050-FITC
Product Page	www.avivasysbio.com/aldh1b1-antibody-middle-region-fitc-arp58417-p050-fitc.html
Name	ALDH1B1 Antibody - middle region : FITC (ARP58417_P050-FITC)
Protein Size (# AA)	517 amino acids
Molecular Weight	57kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	219
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Aldehyde dehydrogenase 1 family, member B1
Alias Symbols	ALDH5, ALDHX
Peptide Sequence	Synthetic peptide located within the following region: GFFIKPTVFGGVQDDMRIAKEEIFGPVQPLFKFKKIEEVVERANTRYGL
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Luo,P., (2007) Stem Cells 25 (10), 2628-2637
Description of Target	ALDH1B1 belongs to the aldehyde dehydrogenases family of proteins. Aldehyde dehydrogenase is the second enzyme of the major oxidative pathway of alcohol metabolism. This gene does not contain introns in the coding sequence. The variation of this locus may affect the development of alcohol-related problems. This protein belongs to the aldehyde dehydrogenases family of proteins. Aldehyde dehydrogenase is the second enzyme of the major oxidative pathway of alcohol metabolism. This gene does not contain introns in the coding sequence. The variation of this locus may affect the development of alcohol-related problems.
Protein Interactions	UBC; TATDN1; OGFOD1; UBR7; PDCD10; HEXB; FH; EXOSC10; XRN2; FN1; FABP2; ECT2; UQCRB; FBXO6; CUL3; MYC;
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-ALDH1B1 (ARP58417_P050-FITC) antibody
Blocking Peptide	For anti-ALDH1B1 (ARP58417_P050-FITC) antibody is Catalog # AAP58417 (Previous Catalog # AAPP34845)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ALDH1B1
Uniprot ID	P30837
Protein Name	Aldehyde dehydrogenase X, mitochondrial
Sample Type Confirmation	ALDH1B1 is supported by BioGPS gene expression data to be expressed in HeLa
Protein Accession #	NP_000683
Purification	Affinity Purified
Nucleotide Accession #	NM_000692
Gene Symbol	ALDH1B1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Zebrafish

Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 86%; Dog: 93%; Guinea Pig: 85%; Horse: 79%; Human: 100%; Mouse: 86%; Pig: 86%; Rat: 91%; Zebrafish: 85%
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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