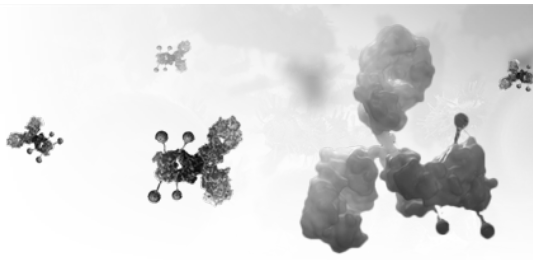

Rabbit Anti-Human ALDH1B1 Polyclonal Antibody (CABT-L2291)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Aldehyde Dehydrogenase 1 Family, Member B1 (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against ALDH1B1. It has been selected for its ability to recognize ALDH1B1 in immunohistochemical staining and western blotting.
Target	ALDH1B1
Immunogen	Recombinant Human ALDH1B1
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221
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Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	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. [provided by RefSeq, Jul 2008]
Keywords	ALDH5;ALDHX;Aldehyde Dehydrogenase X,Mitochondrial;Aldehyde dehydrogenase 5

GENE INFORMATION

Gene Name	ALDH1B1 aldehyde dehydrogenase 1 family, member B1 [Homo sapiens (human)]
Official Symbol	ALDH1B1
Synonyms	ALDH1B1; aldehyde dehydrogenase 1 family, member B1; ALDH5; ALDHX; aldehyde dehydrogenase X, mitochondrial; ALDH class 2; aldehyde dehydrogenase 5; acetaldehyde dehydrogenase 5;
Entrez Gene ID	219
Protein Refseq	NP_000683
UniProt ID	P30837
Chromosome Location	9p11.1
Pathway	Arginine and proline metabolism; Ascorbate and aldarate metabolism; Fatty acid degradation; GABA biosynthesis, eukaryotes, putrescine => GABA; Glycerolipid metabolism; Glycolysis / Gluconeogenesis; Histidine metabolism; Lysine degradation;
Function	aldehyde dehydrogenase (NAD) activity;

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