

DNAxPAb

Hard-to-Find
Antibody

ALDH1B1 DNAxPab

Catalog # H00000219-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ALDH1B1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MLRFLAPRLLSLQGRTARYSSAAALPSPILNPDIPYNQLFINNEWQDAVSKKTFPTVNPTTGEVIGH VAEGDRADVDRVKAAREAFRLGSPWRRMDASERGLLNLLADLVERDRVYLASLETLDNGKP FQESYALDLDEVIKVYRYFAGWADKWHGKTIPMDGQHFCFTRHEPVGVCGQIIPWNFPLVMQGW KLAPALATGNTVVMKVAEQTPLSALYLASLIKEAGFPPGVVNIITGYGPTAGAAIAQHMDVDKVAFT GSTEVGHLIQKAAGDSNLKRVTLLEGGKSPSVLADADMEHAVEQCHEALFFNMGQCCCAGSRT FVEESIYNEFLERTVEKAKQRKVGNPFELDTQQGPQVDKEQFERVLGYQLGQKEGAKLLCGGER FGERGFFIKPTVFGGVQDDMRIAKEEIFGPVQPLFKFKKIEEVVERANNTRYGLAAAVFTRDLKA MYFTQALQAGTVVWNTYNIVTCHTPFGGFKESGNGRELGEDGLKAYTEVKTVTIKVPQKNS
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (94)
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — ALDH1B1

Entrez GeneID [219](#)

GeneBank Accession# [BC001619.1](#)

Protein Accession# [AAH01619.1](#)

Gene Name ALDH1B1

Gene Alias ALDH5, ALDHX, MGC2230

Gene Description aldehyde dehydrogenase 1 family, member B1

Omim ID [100670](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations ALDH class 2|OTTHUMP00000021399|acetaldehyde dehydrogenase 5|aldehyde dehydrogenase 1B1|aldehyde dehydrogenase 5|mitochondrial aldehyde dehydrogenase X

Pathway

- [3-Chloroacrylic acid degradation](#)
- [Arginine and proline metabolism](#)
- [Ascorbate and aldarate metabolism](#)
- [beta-Alanine metabolism](#)
- [Butanoate metabolism](#)

- [Fatty acid metabolism](#)
- [Glycerolipid metabolism](#)
- [Glycolysis / Gluconeogenesis](#)
- [Histidine metabolism](#)
- [Limonene and pinene degradation](#)
- [Lysine degradation](#)
- [Metabolic pathways](#)
- [Propanoate metabolism](#)
- [Pyruvate metabolism](#)
- [Tryptophan metabolism](#)
- [Valine](#)

Disease

- [Alcoholism](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Drug Hypersensitivity](#)
- [Genetic Predisposition to Disease](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)