

DNAxPAb

Hard-to-Find
Antibody

ALDH3B1 DNAxPab

Catalog # H00000221-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ALDH3B1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MDPLGDTLRRLEAFHAGRTRPAEFRAAQLQGLGRFLQENKQLLHDALAQDLHKSAFESEVSEV AISQGEVTLALRNLRAWMKDERVPKNLATQLDSAFIRKEPFGVLIIAPWNYPLNLTLVPLVGALAA GNCVVLKPSEISKNVEKILAEVLPQYVDQSCFAVVLGGPQETGQLEHRFDYFFTGSPRVGKIVM TAAAKHLTPVTLELGGKNPCYDDNCDPQTVANRVAWFRYFNAGQTCVAPDYVLCSPERMQERL LPALQSTITRFYGDGPQSSPNLGRINQKQFQRLRALLGCGRVAIGGQSDSDRYIAPTIVLDVQEM EPVMQEEIFGPILPMNVQSLDEAIEFINRREKPLALYAFSNSSQVVKRVLTQTSSGGFCGNDGFMH MTLASLPFGGVGASGMGRYHGKFSFDTFSHHRACLLRSPGMEKLNALRYPPQSPRRLRMLLVA MEAQGCSCSTLL
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (84); Rat (85)
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 — ALDH3B1

Entrez GeneID [221](#)

GeneBank Accession# [BC013584](#)

Protein Accession# [AAH13584](#)

Gene Name ALDH3B1

Gene Alias ALDH4, ALDH7, FLJ26433

Gene Description aldehyde dehydrogenase 3 family, member B1

Omim ID [600466](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations aldehyde dehydrogenase 3B1|aldehyde dehydrogenase 7

Pathway

- [Drug metabolism - cytochrome P450](#)
- [Glycolysis / Gluconeogenesis](#)
- [Histidine metabolism](#)
- [Metabolic pathways](#)
- [Metabolism of xenobiotics by cytochrome P450](#)

- [Phenylalanine metabolism](#)
- [Tyrosine metabolism](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)