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Anti-ALDH1B1 Antibody

Rabbit polyclonal antibody to ALDH1B1
Catalog # AP59479

Product Information

Application	WB
Primary Accession	P30837
Other Accession	Q9CZS1
Reactivity	Human, Mouse, Rat, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57249

Additional Information

Gene ID	219
Other Names	ALDH5; ALDHX; Aldehyde dehydrogenase X mitochondrial; Aldehyde dehydrogenase 5; Aldehyde dehydrogenase family 1 member B1
Target/Specificity	Recognizes endogenous levels of ALDH1B1 protein.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

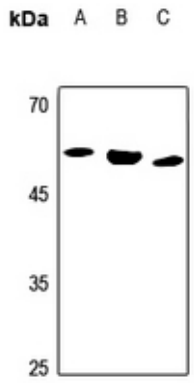
Protein Information

Name	ALDH1B1
Synonyms	ALDH5, ALDHX
Function	ALDHs play a major role in the detoxification of alcohol- derived acetaldehyde. They are involved in the metabolism of corticosteroids, biogenic amines, neurotransmitters, and lipid peroxidation.
Cellular Location	Mitochondrion matrix.
Tissue Location	Liver, testis and to a lesser extent in brain.

Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ALDH1B1. The exact sequence is proprietary.

Images



Western blot analysis of ALDH1B1 expression in HEK293T (A), Hela (B), H446 (C) whole cell lysates.