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Datasheet for ABIN356986

anti-ALDH5A1 antibody (C-Term)

2 Images

Overview

Quantity:	0.4 mL
Target:	ALDH5A1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALDH5A1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human ALDH5A1.
Isotype:	Ig Fraction
Specificity:	This antibody detects ALDH5A1 at C-term.
Purification:	Affinity Purified

Target Details

Target:	ALDH5A1
Alternative Name:	ALDH5A1 / SSADH (ALDH5A1 Products)
Background:	ALDH5A1 belongs to the aldehyde dehydrogenase family of proteins. This protein functions as

Target Details

a mitochondrial NAD(+)-dependent succinic semialdehyde dehydrogenase. A deficiency of this enzyme, known as 4-hydroxybutyricaciduria, is a rare inborn error in the metabolism of the neurotransmitter 4-aminobutyric acid (GABA). In response to the defect, physiologic fluids from patients accumulate GHB, a compound with numerous neuromodulatory properties.Synonyms: Aldehyde dehydrogenase family 5 member A1, NAD(+)-dependent succinic semialdehyde dehydrogenase, Succinate-semialdehyde dehydrogenase, mitochondrial

Molecular Weight:	57215 Da
Gene ID:	7915, 9606
UniProt:	P51649
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	ELISA 1: 1,000. Western blot 1: 50 - 1: 100. Immunohistochemistry 1: 10 - 1: 50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

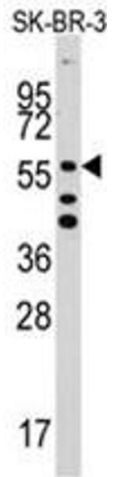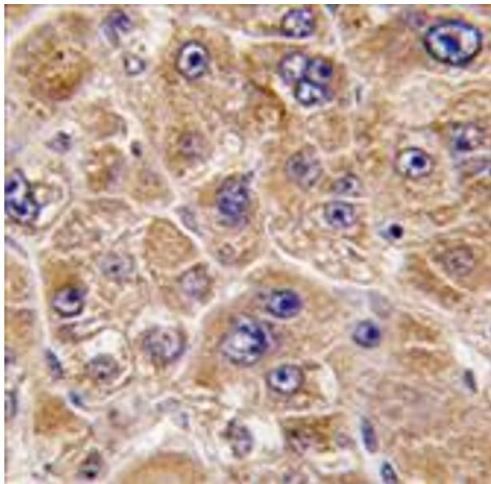|	
Format:	Liquid
Concentration:	0.25 mg/mL
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer.

Images

SK-BR-3

95
72
55 ◄
36
28
17

Image 1.

Image 2.