antibodies

Datasheet for ABIN7121776 ALDH5A1 Protein (AA 48-535) (His tag)





Overview

Quantity:	50 µg
Target:	ALDH5A1
Protein Characteristics:	AA 48-535
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ALDH5A1 protein is labelled with His tag.
Application:	ELISA, Western Blotting (WB)

Product Details

Purity:	Greater than 95 % as determined by SDS-PAGE
Sterility:	0.2 µm filtered

Target Details

Target:	ALDH5A1
Alternative Name:	ALDH5A1 (ALDH5A1 Products)
Background:	Aldedehyde dehydrogenase 5 family, Aldehyde dehydrogenase 5 family member A1, Aldehyde dehydrogenase 5A1, Aldehyde dehydrogenase family 5 member A1, ALDH5A 1, Aldh5a1, mitochondrial, Mitochondrial succinate semialdehyde dehydrogenase
Molecular Weight:	53.6 kDa

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Target Details

UniProt:	P51649
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial at 10,000 rpm for 1 minute, reconstitute at 200 μ g/mL in sterile distilled water by gentle pipetting 2-3 times, don't vortex
Buffer:	Lyophilized from a 0.2 μm filtered solution in 10 mM Hepes, 500 mM NaCl with 5 % trehalose, pH 7.4
Storage:	4 °C,-20 °C
Storage Comment:	-20°C for 12 months as lyophilized, 2-8°C for 1 month under sterile conditions after reconstitution
Expiry Date:	12 months

Images

KDa	Western Blotting
100 — 70 —	Image 1.
55 — — 40 —	
35 — 25 —	
15—	
10 —	

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