

Anti-ALDH4A1 antibody



Catalog Number: 105840

Product name

Anti-ALDH4A1 antibody

Immunogen

[Human ALDH4A1 \(His & GST Tag\) recombinant protein](#)

Specificity

Human ALDH4A1

Antibody description

Rabbit monoclonal to ALDH4A1

Preparation

This antibody was obtained from a rabbit immunized with purified, recombinant Human ALDH4A1 (rh ALDH4A1; AAH07581.1; Lys25-Gln563).

Formulation

0.2 µm filtered solution in PBS

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Monoclonal

Ig Type

Rabbit IgG

Applications

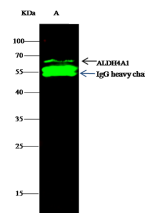
WB, IP

Dilutions

WB: 5-10 µg/ml

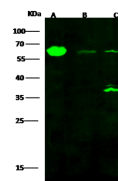
IP: 1-4 µg/mg of lysate

Validations



Items	Lanes	A
Sample (whole cell lysate)		HepG2
Sample quantity		0.5 mg
IP antibody quantity		4 µg
Immunomagnetic beads Protein G		60 ng
Gel		13% SDS-PAGE reducing gel
Primary antibody		ALDH4A1 antibody at 10 µg/ml
Secondary antibody		Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution

ALDH4A1 Antibody, Rabbit Mab,



Items	Lanes	A	B	C
Sample (whole cell lysate)		HepG2	K562	A549
Sample Volume (µg/lane)		30	30	30
Gel		13% SDS-PAGE reducing gel		
Recommended Concentration		10 µg/ml		
Secondary Antibody		Dylight 800 labeled Antibody to Rabbit IgG (H+L), at 1:5000 dilution.		
Explanation		Developed using Odyssey imaging system. Predicted band size : 62 kDa Observed band size : 62 kDa Additional bands at : 37kDa (We are unsure as to the identity of these extra bands.)		

Immunoprecipitation

ALDH4A1 Antibody, Rabbit Mab