

ADH1A/ADH1B/ADH1C Rabbit pAb

Catalog No.: A18581 **1 Publications**

Basic Information

Observed MW

40kDa

Calculated MW

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

Alcohol dehydrogenase, consisting of several homo- and heterodimers of alpha, beta, and gamma subunits, exhibits high activity for ethanol oxidation and plays a major role in ethanol catabolism. Members of this enzyme family metabolize a wide variety of substrates, including ethanol, retinol, other aliphatic alcohols, hydroxysteroids, and lipid peroxidation products. Three genes encoding alpha, beta and gamma subunits are tandemly organized in a genomic segment as a gene cluster.

Recommended Dilutions

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

124/125/126

Swiss Prot

P07327/P00325/P00326

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 270-370 of human ADH1A/ADH1B/ADH1C (NP_000659.2).

Synonyms

ADH1A/ADH1B/ADH1C

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

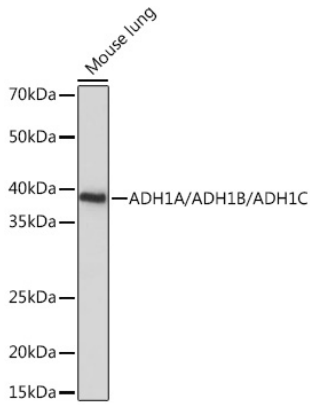
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from Mouse lung, using ADH1A/ADH1B/ADH1C Rabbit pAb (A18581) at 1:1000 dilution.

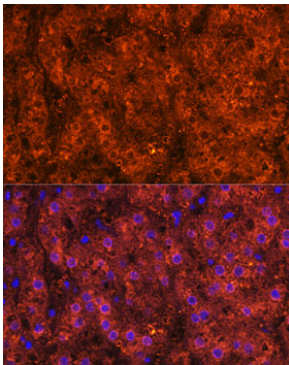
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

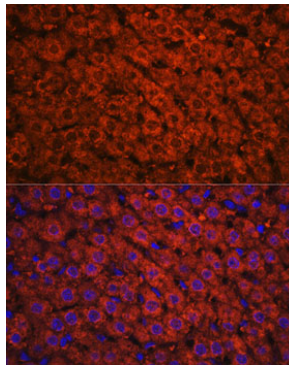
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

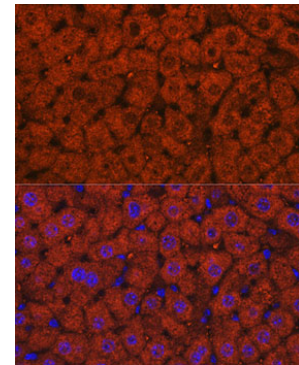
Exposure time: 10s.



Immunofluorescence analysis of paraffin-embedded Human liver using ADH1A/ADH1B/ADH1C Rabbit pAb (A18581) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded Rat liver using ADH1A/ADH1B/ADH1C Rabbit pAb (A18581) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded Mouse liver using ADH1A/ADH1B/ADH1C Rabbit pAb (A18581) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.