For Research Use Only

ALDH8A1 Polyclonal antibody

Catalog Number:21602-1-AP

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
21602-1-AP

Size:
150ul , Concentration: 400 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG16214

GenBank Accession Number:
BC113862

GeneID (NCBI):
64577

UNIPROT ID:
Q9H2A2

Full Name:
aldehyde dehydrogenase 8 family, member A1

Calculated MW:
487 aa, 53 kDa

Observed MW:
53 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB: 1:1000-1:5000
IHC: 1:50-1:500
IF/ICC: 1:50-1:500

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : L02 cells, mouse kidney tissue, mouse liver tissue, rat liver tissue

IHC : human hepatocirrhosis tissue,

IF/ICC : HepG2 cells,

Storage

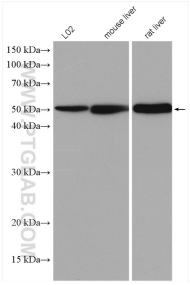
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

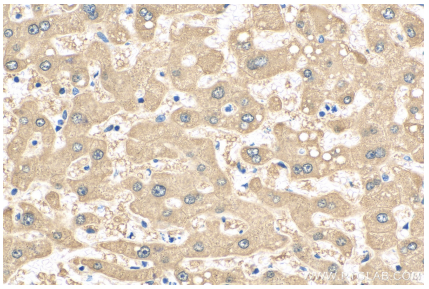
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

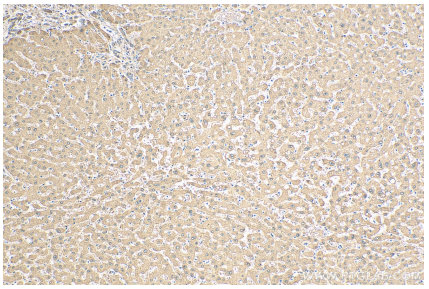
Selected Validation Data



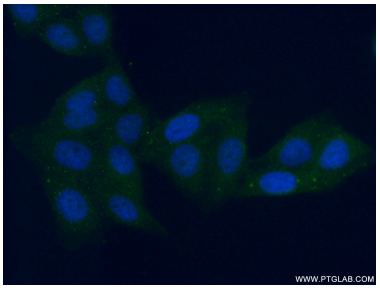
Various lysates were subjected to SDS PAGE followed by western blot with 21602-1-AP (ALDH8A1 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis tissue slide using 21602-1-AP (ALDH8A1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis tissue slide using 21602-1-AP (ALDH8A1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 21602-1-AP (ALDH8A1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).