

For Research Use Only

ALDH3A2 Polyclonal antibody

Catalog Number: 15090-1-AP

8 Publications



Basic Information

Catalog Number:

15090-1-AP

Size:

450 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1687

GenBank Accession Number:

BC002430

GeneID (NCBI):

224

UNIPROT ID:

P51648

Full Name:

aldehyde dehydrogenase 3 family, member A2

Calculated MW:

55 kDa

Observed MW:

50-57 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:10-1:100

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

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 : HEK-293T cells, mouse liver tissue, rat liver tissue

IP : HEK-293 cells,

IHC : human liver cancer tissue,

IF/ICC : Hela cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Wei Chen	31565850	J Cell Mol Med	IHC
Pamela A Young	30190326	J Biol Chem	WB
Kristian Nzogang Fomo	36313990	Front Med (Lausanne)	

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

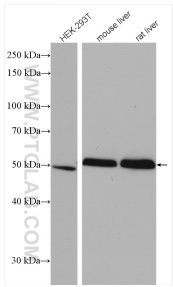
T: 4006900926

E: Proteintech-CN@ptglab.com

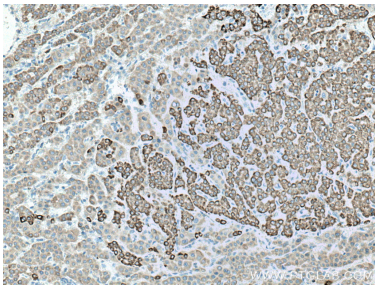
W: ptgcn.com

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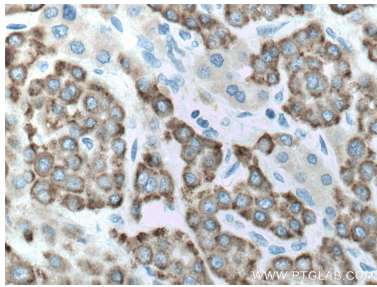
Selected Validation Data



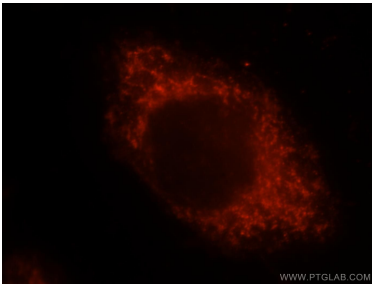
Various lysates were subjected to SDS PAGE followed by western blot with 15090-1-AP (ALDH3A2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



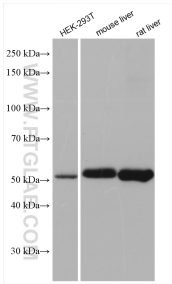
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 15090-1-AP (ALDH3A2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



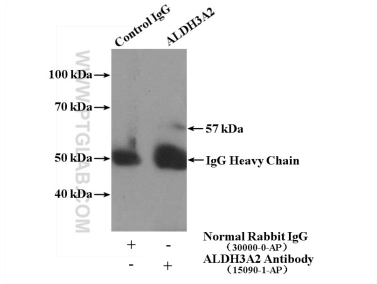
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 15090-1-AP (ALDH3A2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



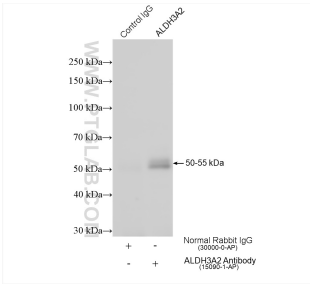
Immunofluorescent analysis of HeLa cells, using ALDH3A2 antibody 15090-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Various lysates were subjected to SDS PAGE followed by western blot with 15090-1-AP (ALDH3A2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



IP result of anti-ALDH3A2 (IP:15090-1-AP, 4ug; Detection:15090-1-AP 1:1000) with HEK-293 cells lysate 3000ug.



IP result of anti-ALDH3A2 (IP:15090-1-AP, 4ug; Detection:15090-1-AP 1:6000) with HEK-293 cells lysate 680 ug.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using ALDH3A2 antibody (15090-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).