

For Research Use Only

ADH1C Polyclonal antibody, PBS Only

Catalog Number:18897-1-PBS



Basic Information

Catalog Number:

18897-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13528

GenBank Accession Number:

BC062476

GeneID (NCBI):

126

UNIPROT ID:

P00326

Full Name:

alcohol dehydrogenase 1C (class I),
gamma polypeptide

Calculated MW:

375 aa, 40 kDa

Observed MW:

37-45 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

ADH1C (Alcohol dehydrogenase 1C) is also named as ADH3 and belongs to the zinc-containing alcohol dehydrogenase family. It catalyzes the rate-limiting step for ethanol metabolism: the oxidation of alcohol to acetaldehyde. The ADH1C gene is active in intestine and kidney in fetal and early postnatal life, and persists in the stomach and liver in adult life (PMID:4748759).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

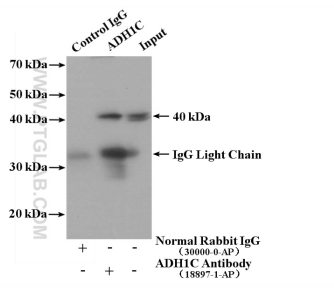
T: 4006900926

E: Proteintech-CN@ptglab.com

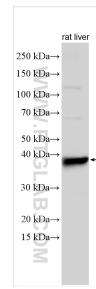
W: ptgcn.com

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

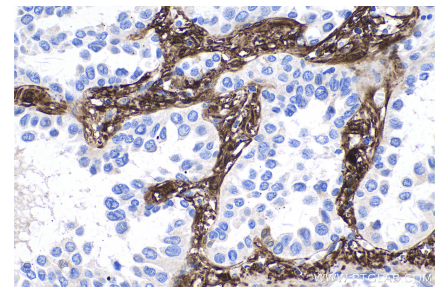
Selected Validation Data



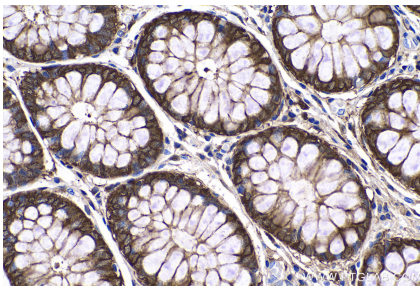
IP result of anti-ADH1C (IP:18897-1-AP, 4ug; Detection:18897-1-AP 1:1000) with mouse liver tissue lysate 4000 ug. This data was developed using the same antibody clone with 18897-1-PBS in a different storage buffer formulation.



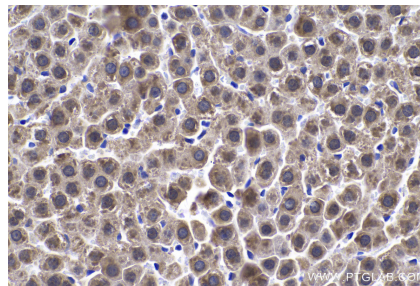
Various lysates were subjected to SDS PAGE followed by western blot with 18897-1-AP (ADH1C antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 18897-1-PBS in a different storage buffer formulation.



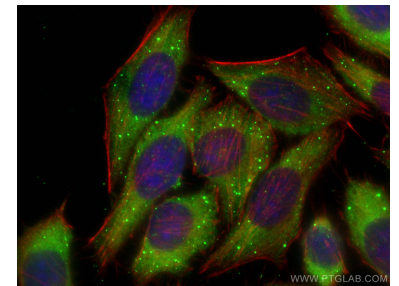
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 18897-1-AP (ADH1C antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 18897-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 18897-1-AP (ADH1C antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 18897-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using 18897-1-AP (ADH1C antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 18897-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using ADH1C antibody (18897-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red). This data was developed using the same antibody clone with 18897-1-PBS in a different storage buffer formulation.