For Research Use Only

ADH1C Polyclonal antibody, PBS Only

Catalog Number:18897-1-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
18897-1-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

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

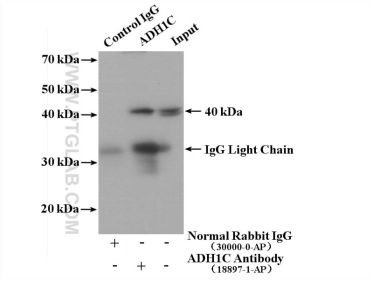
ADH1C(Alcohol dehydrogenase 1C) is also named as ADH3 and belongs to the zinc-containing alcohol dehydrogenase family.It catalyzes the rate-limiting step for ethanol metabolism: the oxidation of alcohol to acetaldehyde.The ADH1C gene is active in intestine and kidney in fetal and early postnatal life,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

Storage

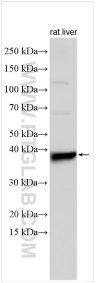
Storage:
Store at -80°C.
Storage Buffer:
PBS Only

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

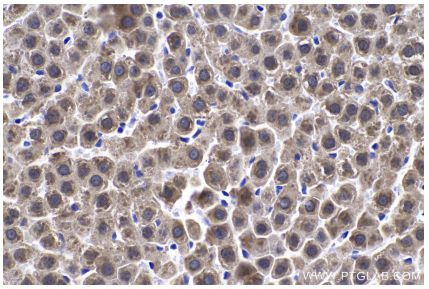
Selected Validation Data



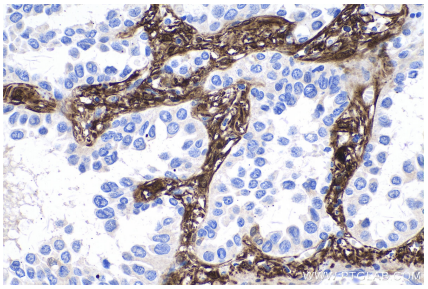
IP result of anti-ADH1C (IP:18897-1-AP, 4ug; Detection:18897-1-AP 1:1000) with mouse liver tissue lysate 4000 ug. This data was developed using the same antibody clone with 18897-1-PBS in a different storage buffer formulation.



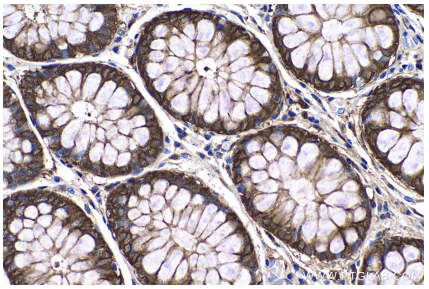
Various lysates were subjected to SDS PAGE followed by western blot with 18897-1-AP (ADH1C antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 18897-1-PBS in a different storage buffer formulation.



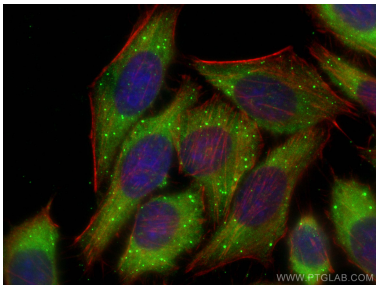
Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using 18897-1-AP (ADH1C antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 18897-1-PBS in a different storage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



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.



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.