

For Research Use Only

ADH1B Polyclonal antibody

Catalog Number: 17165-1-AP

10 Publications



Basic Information

Catalog Number:

17165-1-AP

Concentration:

750 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10630

GenBank Accession Number:

BC033009

GeneID (NCBI):

125

UNIPROT ID:

P00325

Full Name:

alcohol dehydrogenase 1B (class I),
beta polypeptide

Calculated MW:

375 aa, 40 kDa

Observed MW:

40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:2000

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

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

mouse, rat

Cited Species:

mouse, rat

Positive Controls:

WB: mouse liver tissue,

IP: mouse liver tissue,

Background Information

The ADH1B gene encodes the beta subunit of class I alcohol dehydrogenase (ADH), an enzyme that catalyzes the rate-limiting step for ethanol metabolism: the oxidation of alcohol to acetaldehyde. Class I ADH is a homo- or heterodimeric molecule, formed by the association of 3 types of class I ADH subunits, alpha (ADH1A), beta, and gamma (ADH1C). ADH1B is also named as ADH2 and belongs to the zinc-containing alcohol dehydrogenase family. This protein can exist as a homodimer (PMID:19365573).

Notable Publications

Author	Pubmed ID	Journal	Application
Tomoko Kawai	27022678	Endocrinology	IF
Jie Yang	35351461	Exp Eye Res	IHC
Wenjun Zhao	35655427	J Sci Food Agric	WB

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

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

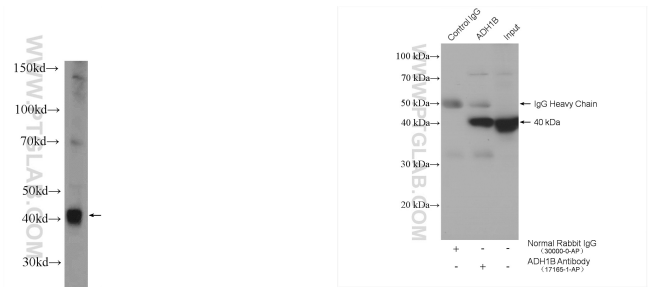
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 17165-1-AP (ADH1B Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.

IP result of anti-ADH1B (IP:17165-1-AP, 4ug; Detection:17165-1-AP 1:500) with mouse liver tissue lysate 4000 ug.