

For Research Use Only

ADH1C Polyclonal antibody

Catalog Number:30621-1-AP



Basic Information

Catalog Number: 30621-1-AP	GenBank Accession Number: BC062476	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop;	GeneID (NCBI): 126	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Full Name: alcohol dehydrogenase 1C (class I), gamma polypeptide	
Isotype: IgG	Calculated MW: 375 aa, 40 kDa	
Immunogen Catalog Number: AG33037	Observed MW: 40 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse testis tissue,
Species Specificity: mouse, rat	

Background Information

Alcohol dehydrogenase 1C(ADH1C), also known as ADH3, is an alcohol dehydrogenase that can catalyze ethanol oxidation to metabolite acetaldehyde. According to THE HUMAN PROTEIN ATLAS database, ADH1C locates mainly to the cytosol and plasma membrane. Genetic polymorphism of the ADH1C gene (ADH1C*1 allele) is associated with various human cancers, such as gastric cancer, oral cancer and CRC, for it encodes an alcohol dehydrogenase producing 2.5 times more acetaldehyde.(PMID: 35300114)

Storage

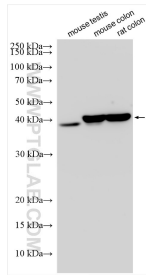
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30621-1-AP (ADH1C antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.