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anti-ADH1C antibody (AA 231-260)



Images



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Quantity:	400 μL
Target:	ADH1C
Binding Specificity:	AA 231-260
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADH1C antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
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Product Details

Immunogen:	This ADH1C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 231-260 amino acids from the Central region of human ADH1C.
Clone:	RB21384
Isotype:	lg Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ADH1C
Alternative Name:	ADH1C (ADH1C Products)

Target Details

Background:

This gene encodes class I alcohol dehydrogenase, gamma subunit, which is a member of the alcohol dehydrogenase family. Members of this enzyme family metabolize a wide variety of substrates, including ethanol, retinol, other aliphatic alcohols, hydroxysteroids, and lipid peroxidation products. Class I alcohol dehydrogenase, consisting of several homo- and heterodimers of alpha, beta, and gamma subunits, exhibits high activity for ethanol oxidation and plays a major role in ethanol catabolism. Three genes encoding alpha, beta and gamma subunits are tandemly organized in a genomic segment as a gene cluster.

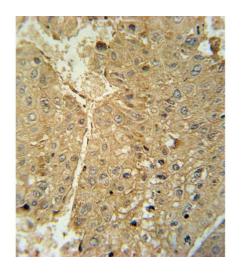
Molecular Weight:	39868
Gene ID:	126
NCBI Accession:	NP_000660
UniProt:	P00326

Application Details

Application Notes:	IF: 1:10~50. WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

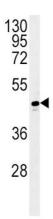
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



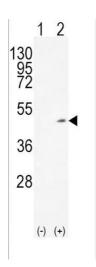
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. ADH1C Antibody (Center) (ABIN651725 and ABIN2840376) immunohistochemistry analysis in formalin fixed and paraffin embedded human hepatocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ADH1C Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. ADH1C Antibody (Center) (ABIN651725 and ABIN2840376) western blot analysis in T47D cell line lysates (35 μ g/lane). This demonstrates the ADH1C antibody detected the ADH1C protein (arrow).



Western Blotting

Image 3. Western blot analysis of ADH1C (arrow) using rabbit polyclonal ADH1C Antibody (Center) (ABIN651725 and ABIN2840376). 293 cell lysates ($2\,\mu g$ /lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the ADH1C gene.

Please check the product details page for more images. Overall 5 images are available for ABIN651725.