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Datasheet for ABIN7143650 anti-ADH4 antibody (AA 1-380)

2 Images



Overview

Quantity:	100 µL
Target:	ADH4
Binding Specificity:	AA 1-380
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADH4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human Alcohol dehydrogenase 4 protein (1-380AA)
lsotype:	lgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen Affinity Purified

Target Details

Target:	ADH4
Alternative Name:	ADH4 (ADH4 Products)
Background:	Background: This gene encodes class II alcohol dehydrogenase 4 pi subunit, which is a
	member of the alcohol dehydrogenase family. Members of this enzyme family metabolize a

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	wide variety of substrates, including ethanol, retinol, other aliphatic alcohols, hydroxysteroids,
	and lipid peroxidation products. Class II alcohol dehydrogenase is a homodimer composed of 2
	pi subunits. It exhibits a high activity for oxidation of long-chain aliphatic alcohols and aromatic
	alcohols and is less sensitive to pyrazole. This gene is localized to chromosome 4 in the cluster
	of alcohol dehydrogenase genes.
	Aliases: Ac1002 antibody, ADH 4 antibody, ADH-1 antibody, ADH-2 antibody, ADH2 antibody,
	Adh4 antibody, ADH4_HUMAN antibody, Alcohol dehydrogenase 4 (class II) pi polypeptide
	antibody, Alcohol dehydrogenase 4 antibody, Alcohol dehydrogenase class II pi chain antibody,
	Alcohol dehydrogenase pi isozyme ADH class II antibody, Aldehyde reductase antibody, Class II
	alcohol dehydrogenase 4 pi subunit antibody
UniProt:	P08319
Pathways:	Transition Metal Ion Homeostasis
Application Details	
Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
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:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

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120kDa — 90kDa — 50kDa — 35kDa — 25kDa — 20kDa —

Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7143650 at dilution of 1:100

Western Blotting

Image 2. Western blot All lanes: Alcohol dehydrogenase 4 antibody at $2 \mu g/mL$ + Mouse liver tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 41, 43 kDa Observed band size: 41 kDa

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