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Datasheet for ABIN1714965 **anti-ADH6 antibody (AA 11-110)**

Overview

Quantity:	100 µL
Target:	ADH6
Binding Specificity:	AA 11-110
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADH6 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ADH6
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Cow, Pig
Purification:	Purified by Protein A.

Target Details

Target:	ADH6
Alternative Name:	ADH6 (ADH6 Products)

Target Details

Background:	<p>Synonyms: ADH 5, ADH 6, Adh6, ADH6_HUMAN, Alcohol dehydrogenase 6 class V, Alcohol dehydrogenase 6, Aldehyde reductase, Class V alcohol dehydrogenase 6, UDP GLUCURONOSYLTRANSFERASE 2B10 PRECURSOR, MICROSOMAL.</p> <p>Background: ADH6 (alcohol dehydrogenase 6), also known as ADH-5, is a 368 amino acid member of the class V zinc-containing alcohol dehydrogenase family. This family of enzymes functions to metabolize a wide variety of substrates such as retinol, hydroxysteroids, ethanol, aliphatic alcohols and lipid peroxidation products. Localized to the cytoplasm and expressed in the stomach and liver, ADH6 catalyzes the reversible oxidation of alcohols to their corresponding aldehydes or ketones and is able to bind two zinc ions as cofactors. ADH6 contains a glucocorticoid response element upstream of its 5' UTR which is thought to be a steroid binding site, suggesting that expression of ADH6 may be under hormonal control. Multiple isoforms of ADH6 exist due to alternative splicing events.</p>
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Gene ID:	130
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Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C

Handling

Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months