

ARG55169
anti-ADH1B antibodyPackage: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ADH1B
Tested Reactivity	Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ADH1B
Species	Human
Immunogen	Recombinant protein of Human ADH1B (Swiss: P00325)
Conjugation	Un-conjugated
Alternate Names	HEL-S-117; ADH2; EC 1.1.1.1; Alcohol dehydrogenase subunit beta; Alcohol dehydrogenase 1B

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse liver	

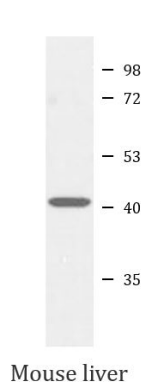
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	ADH1B
Gene Full Name	alcohol dehydrogenase 1B (class I), beta polypeptide
Background	The protein encoded by this gene 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. This encoded protein, 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. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2013]
Function	Catalytic activity: An alcohol + NAD ⁺ = an aldehyde or ketone + NADH. [UniProt]
Research Area	Metabolism antibody; Signaling Transduction antibody
Calculated Mw	40 kDa

Images



ARG55169 anti-ADH1B antibody WB image

Western blot: Mouse liver lysate stained with ARG55169 anti-ADH1B antibody.