

## ARG57887 anti-ADH4 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes ADH4
Tested Reactivity	Ms
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ADH4
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-380 of Human ADH4 (NP_000661.2).
Conjugation	Un-conjugated
Alternate Names	Alcohol dehydrogenase class II pi chain; ADH-2; Alcohol dehydrogenase 4; HEL-S-4; EC 1.1.1.1

### 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	
Observed Size	45 kDa	

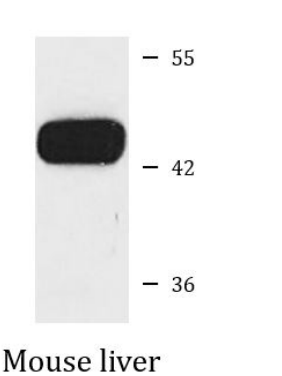
### Properties

Form	Liquid
Purification	Affinity purified.
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	ADH4
Gene Full Name	alcohol dehydrogenase 4 (class II), pi polypeptide
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 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. [provided by RefSeq, Jul 2008]
Calculated Mw	Isoform 1: 40 kDa Isoform 2: 43 kDa
Cellular Localization	Cytoplasm. [UniProt]

Images



ARG57887 anti-ADH4 antibody WB image

Western blot: 25 µg of Mouse liver lysate stained with ARG57887 anti-ADH4 antibody at 1:1000 dilution.