

Datasheet for ABIN652502
anti-ADH5 antibody (AA 212-239)[Go to Product page](#)

6 Images

Overview

Quantity:	400 µL
Target:	ADH5
Binding Specificity:	AA 212-239
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADH5 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This ADH5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 212-239 amino acids from the Central region of human ADH5.
Clone:	RB22372
Isotype:	Ig Fraction
Predicted Reactivity:	Rb
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ADH5
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Target Details

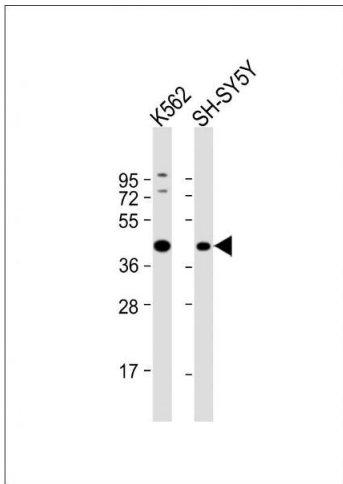
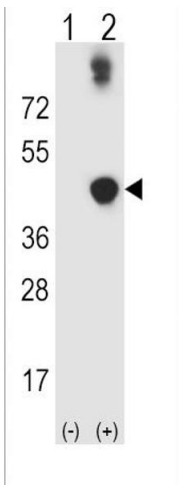
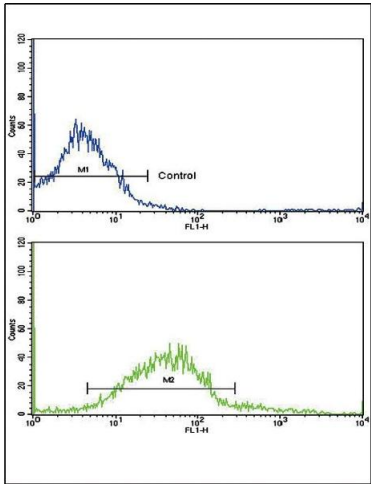
Alternative Name:	ADH5 (ADH5 Products)
Background:	ADH5 is a member of the alcohol dehydrogenase family. Members of this family metabolize a wide variety of substrates, including ethanol, retinol, other aliphatic alcohols, hydroxysteroids, and lipid peroxidation products. This protein forms a homodimer. It has virtually no activity for ethanol oxidation, but exhibits high activity for oxidation of long-chain primary alcohols and for oxidation of S-hydroxymethyl-glutathione, a spontaneous adduct between formaldehyde and glutathione. This enzyme is an important component of cellular metabolism for the elimination of formaldehyde, a potent irritant and sensitizing agent that causes lacrymation, rhinitis, pharyngitis, and contact dermatitis.
Molecular Weight:	39724
Gene ID:	128
NCBI Accession:	NP_000662
UniProt:	P11766

Application Details

Application Notes:	WB: 1:1000. WB: 1:4000. IHC-P: 1:10~50. IHC-P: 1:100. IHC-P: 1:100. 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



Flow Cytometry

Image 1. Flow cytometric analysis of K562 cells using ADH5 Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of ADH5 (arrow) using rabbit polyclonal ADH5 Antibody (Center) (ABIN652502 and ABIN2842337). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the ADH5 gene.

Western Blotting

Image 3. All lanes : Anti-ADH5 Antibody (Center) at 1:4000 dilution Lane 1: K562 whole cell lysate Lane 2: SH-SY5Y whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 40 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN652502.