

Anti-ADH5 antibody

Cat. No.	ml225407
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-ADH5 rabbit polyclonal antibody
Applications	ELISA, WB
Immunogen	Fusion protein of human ADH5
Reactivity	Human, Mouse, Rat
Content	1.2 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	ADH5
Full name	alcohol dehydrogenase 5 (class III), chi polypeptide
Synonyms	FDH; ADHX; ADH-3; FALDH; GSNOR; GSH-FDH; HEL-S-60p
Swissprot	P11766

Target Background

This gene encodes 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. The encoded 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. The human genome contains several non-transcribed pseudogenes related to this gene.

订购热线: 4008-898-798

Applications

Western blotting

Predicted band size: 40 kDa

Positive control: Mouse kidney tissue and Human fetal brain tissue lysates

Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

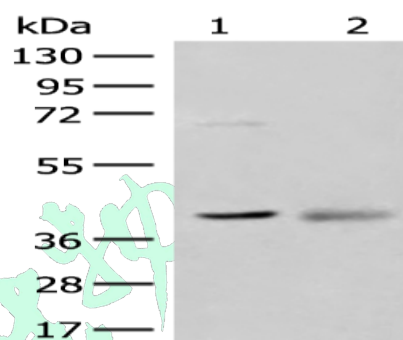
Lysate: 40 µg

Lane 1-2: Mouse kidney tissue and Human fetal brain tissue lysates

Primary antibody: ml225407(ADH5 Antibody) at dilution 1/500

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 30 seconds



ELISA

Recommended dilution: 5000-10000

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