

ADH5 Rabbit pAb

db24277

Package : 20µL 50µL 100µL

Product Name : ADH5 Rabbit pAb**Cat.No.:** db24277**Synonyms** : FDH; ADHX; ADH-3; FALDH; GSNOR; GSH-FDH; HEL-S-60p**Application** : WB, IHC, FC**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**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. [provided by RefSeq, Oct 2008]

Immunogen

A synthetic peptide of human ADH5

Gene ID

128, 11532, 100145871

Swiss Prot

P11766, P28474, P12711

Synonyms

FDH; ADHX; ADH-3; FALDH; GSNOR; GSH-FDH; HEL-S-60p

Reactivity

Human, Mouse, Rat

Application

WB, IHC, FC

Recommended dilutionWB: 1:1000
IHC: 1:20
FC: 1:20**Calculated MW**

40 kDa

Observed MW

40 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.