ADH1A Antibody

Catalog No: #36075

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Description

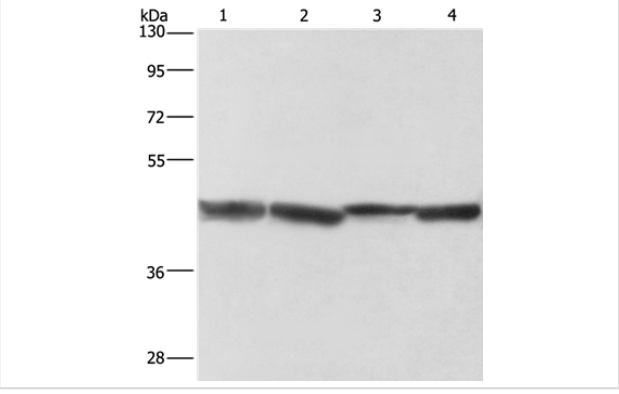
Product Name	ADH1A Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total ADH1A protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human alcohol dehydrogenase 1A (class I), alpha polypeptide
Target Name	ADH1A
Other Names	ADH1
Accession No.	Swiss-Prot#: P07327NCBI Gene ID: 124Gene Accssion: BC117442
Uniprot	P07327
GeneID	124;
SDS-PAGE MW	40kd
Concentration	0.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

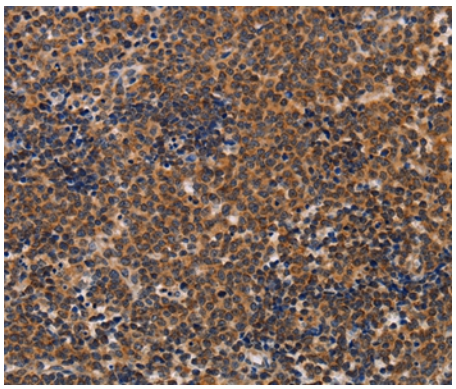
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:25-1:100

Images



Gel: 10%SDS-PAGE
Lysates (from left to right): Human fetal liver and liver cancer tissue,mouse liver and human hepatocellular carcinoma tissue
Amount of lysate: 40ug per lane
Primary antibody: 1/250 dilution
Secondary antibody dilution: 1/8000
Exposure time: 10 seconds



Immunohistochemical analysis of paraffin-embedded Human lymphoma tissue using #36075 at dilution 1/20.

Background

This gene encodes a member of the alcohol dehydrogenase family. The encoded protein is the alpha subunit of class I alcohol dehydrogenase, which consists of several homo- and heterodimers of alpha, beta and gamma subunits. Alcohol dehydrogenases catalyze the oxidation of alcohols to aldehydes. This gene is active in the liver in early fetal life but only weakly active in adult liver. This gene is found in a cluster with six additional alcohol dehydrogenase genes, including those encoding the beta and gamma subunits, on the long arm of chromosome 4. Mutations in this gene may contribute to variation in certain personality traits and substance dependence.

Note: This product is for in vitro research use only