

ADH7 antibody

Product Information

Catalog No.:	FNab00166
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Could function in retinol oxidation for the synthesis of retinoic acid, a hormone important for cellular differentiation. Medium-chain(octanol) and aromatic(m-nitrobenzaldehyde) compounds are the best substrates. Ethanol is not a good substrate but at the high ethanol concentrations reached in the digestive tract, it plays a role in the ethanol oxidation and contributes to the first pass ethanol metabolism.

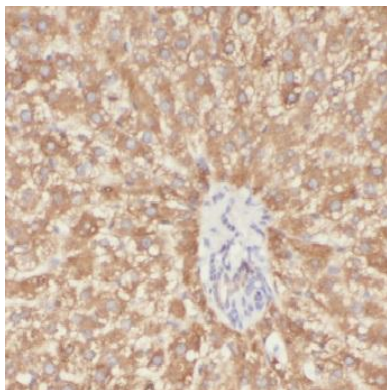
Immunogen information

Immunogen:	alcohol dehydrogenase 7(class IV), mu or sigma polypeptide
Synonyms:	All-trans-retinol dehydrogenase [NAD(+)] ADH7 Alcohol dehydrogenase class 4 mu/sigma chain Alcohol dehydrogenase class IV mu/sigma chain Gastric alcohol dehydrogenase Omega-hydroxydecanoate dehydrogenase ADH7 Retinol dehydrogenase ADH7
Observed MW:	45-47 kDa
Uniprot ID :	P40394

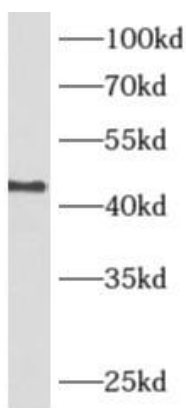
Application

Reactivity:	Human
Tested Application:	ELISA, WB, IF, IHC
Recommended dilution:	WB: 1:500-1:5000; IF: 1:20-1:200; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human liver slide using FNab00166(ADH7 Antibody) at dilution of 1:50



HeLa cells were subjected to SDS PAGE followed by western blot with FNab00166(ADH7 antibody) at dilution of 1:1000