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ADH4 Antibody

Rabbit mAb
Catalog # AP92787

Product Information

Application	WB, IHC, IF, ICC, IHF
Primary Accession	P08319
Reactivity	Human
Clonality	Monoclonal
Other Names	ADH2; Adh4; Alcohol dehydrogenase 4;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	40222

Additional Information

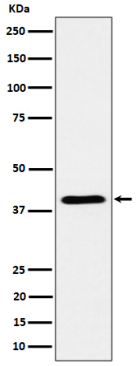
Dilution	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human ADH4
Description	Belongs to the zinc-containing alcohol dehydrogenase family. Class-II subfamily.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	ADH4 (HGNC:252)
Function	Catalyzes the NAD-dependent oxidation of either all-trans- retinol or 9-cis-retinol (PubMed:17279314). Also oxidizes long chain omega-hydroxy fatty acids, such as 20-HETE, producing both the intermediate aldehyde, 20-oxoarachidonate and the end product, a dicarboxylic acid, (5Z,8Z,11Z,14Z)-eicosatetraenedioate (PubMed:16081420). Also catalyzes the reduction of benzoquinones (PubMed:10514444).
Cellular Location	Cytoplasm.

Images

Western blot analysis of ADH4 expression in human liver cell lysate.



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