

# ADH4 Antibody

Rabbit mAb

Catalog # AP92787

## Product Information

<b>Application</b>	WB, IHC, IF, ICC, IHF
<b>Primary Accession</b>	<a href="#">P08319</a>
<b>Reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Other Names</b>	ADH2; Adh4; Alcohol dehydrogenase 4;
<b>Isotype</b>	Rabbit IgG
<b>Host</b>	Rabbit
<b>Calculated MW</b>	40222

## Additional Information

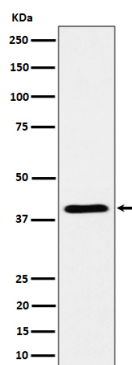
<b>Dilution</b>	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200
<b>Purification</b>	Affinity-chromatography
<b>Immunogen</b>	A synthesized peptide derived from human ADH4
<b>Description</b>	Belongs to the zinc-containing alcohol dehydrogenase family. Class-II subfamily.
<b>Storage Condition and Buffer</b>	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

<b>Name</b>	ADH4 ( <a href="#">HGNC:252</a> )
<b>Function</b>	Catalyzes the NAD-dependent oxidation of either all-trans- retinol or 9-cis-retinol (PubMed: <a href="#">17279314</a> ). 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: <a href="#">16081420</a> ). Also catalyzes the reduction of benzoquinones (PubMed: <a href="#">10514444</a> ).
<b>Cellular Location</b>	Cytoplasm.

## Images

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



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