

ADH4 Antibody
Rabbit mAb
Catalog # AP92787

Specification

ADH4 Antibody - Product Information

Application **WB, IHC, ICC**
Primary Accession **[P08319](#)**
Clonality **Monoclonal**
Other Names
ADH2; Adh4; Alcohol dehydrogenase 4;

Isotype **Rabbit IgG**
Host **Rabbit**
Calculated MW **40222 Da**

ADH4 Antibody - Additional Information

Purification **Affinity-chromatography**
Immunogen **A synthesized peptide derived from human ADH4**
Description **Belongs to the zinc-containing alcohol dehydrogenase family. Class-II subfamily. 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.**
Storage Condition and Buffer

ADH4 Antibody - Protein Information

Name ADH4 ([HGNC:252](#))

Function

Catalyzes the NAD-dependent oxidation of either all-trans- retinol or 9-cis-retinol (PubMed:[17279314](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/16081420)). Also catalyzes the reduction of benzoquinones (PubMed:[10514444](http://www.uniprot.org/citations/10514444)).

Cellular Location

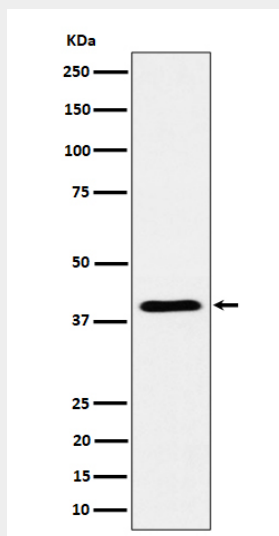
Cytoplasm.

ADH4 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ADH4 Antibody - Images



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