

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

Dilution	WB~~1:1000 IHC~~1:100~500 ICC~~N/A
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.

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). 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

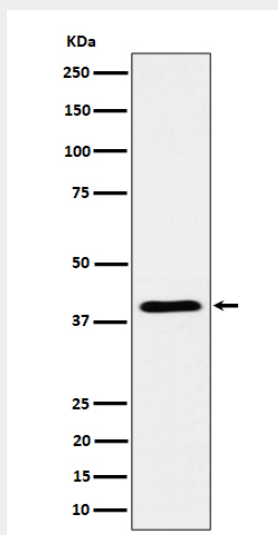
Cytoplasm.

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.