

**Anti-ADH4 Rabbit Monoclonal Antibody**  
Catalog # ABO16204**Specification**

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**Anti-ADH4 Rabbit Monoclonal Antibody - Product Information**

Application	WB, IHC, IF, ICC
Primary Accession	<a href="#">P08319</a>
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

**Description**

Anti-ADH4 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human.

**Anti-ADH4 Rabbit Monoclonal Antibody - Additional Information**

**Gene ID** 127

**Other Names**

All-trans-retinol dehydrogenase [NAD(+)] ADH4, 1.1.1.105, Alcohol dehydrogenase 2, Alcohol dehydrogenase 4, Alcohol dehydrogenase class II pi chain, ADH4 ([HGNC:252](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=252))

**Calculated MW**

40 kDa KDa

**Application Details**

WB 1:500-1:2000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human ADH4

**Purification**

Affinity-chromatography

**Storage**

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

**Anti-ADH4 Rabbit Monoclonal Antibody - Protein Information**

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

### Function

Catalyzes the NAD-dependent oxidation of either all-trans- retinol or 9-cis-retinol (PubMed:<a href="http://www.uniprot.org/citations/17279314" target="\_blank">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="http://www.uniprot.org/citations/16081420" target="\_blank">16081420</a>). Also catalyzes the reduction of benzoquinones (PubMed:<a href="http://www.uniprot.org/citations/10514444" target="\_blank">10514444</a>).

### Cellular Location

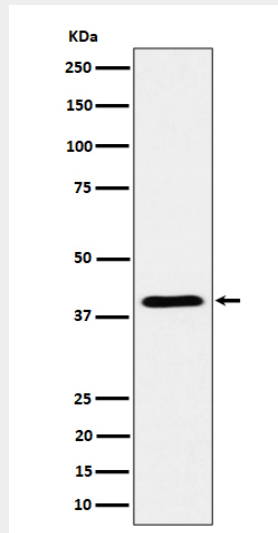
Cytoplasm.

## Anti-ADH4 Rabbit Monoclonal 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](#)

## Anti-ADH4 Rabbit Monoclonal Antibody - Images



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