

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

Application	WB, IHC, IF, ICC
Primary Accession	P08319
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
IHC 1:50-1:200
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: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

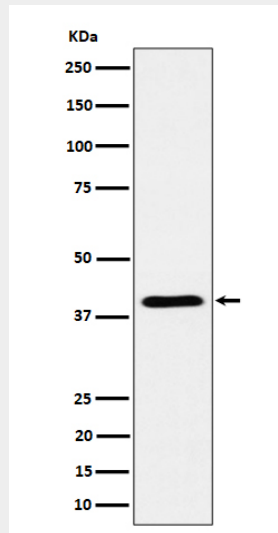
Cytoplasm.

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.