

Anti-ADH4 Rabbit Monoclonal Antibody

Catalog # ABO16204

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.

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)
Calculated MW	40222
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200
Source	Eukaryota
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.
Clone Names	Clone: 27A83
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.

Protein Information

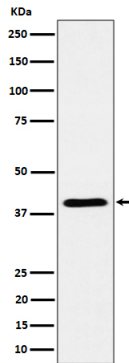
Name	ADH4 (HGNC:252)
Function	Catalyzes the NAD-dependent oxidation of either all-trans- retinol or 9-cis-retinol (PubMed: 17279314). Also oxidizes long chain omega-hydroxy

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.

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.