

ADH4 Rabbit mAb

Catalog # AP78803

Product Information

Application WB, IHC-P, IF, ICC

Primary Accession P08319
Reactivity Human
Rabbit

Clonality Monoclonal Antibody

Isotype IgG

Conjugate Unconjugated

Immunogen A synthesized peptide derived from human ADH4

Purification Affinity Chromatography

Calculated MW 40222

Additional Information

Gene ID 127

Other Names ADH4

Dilution WB~~1/500-1/1000 IHC-P~~N/A IF~~1:50~200 ICC~~N/A

Format Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02%

sodium azide and 50% glycerol.

Storage Store at 4°C short term. Aliquot and store at -20°C long term. Avoid

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:<u>17279314</u>). Also oxidizes long chain omega-hydroxy fatty acids, such as 20-HETE, producing both the intermediate aldehyde,

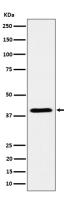
20-oxoarachidonate and the end product, a dicarboxylic acid,

(5Z,8Z,11Z,14Z)-eicosatetraenedioate (PubMed:<u>16081420</u>). Also catalyzes the

reduction of benzoquinones (PubMed: 10514444).

Cellular Location Cytoplasm.

Images



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