

Anti-ADH7 Antibody
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18510**Specification**

Anti-ADH7 Antibody - Product Information

Application	WB, IHC-P, E
Primary Accession	P40394
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	41481

Anti-ADH7 Antibody - Additional Information**Gene ID 131**Alias Symbol **ADH7****Other Names**

ADH7, Alcohol dehydrogenase VII, ADH-4, Alcohol dehydrogenase-7, Gastric alcohol dehydrogenase, Retinol dehydrogenase

Target/Specificity

Human ADH7

Reconstitution & Storage

Caprylic acid and ammonium sulfate precipitation

Precautions

Anti-ADH7 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-ADH7 Antibody - Protein Information**Name** ADH7 ([HGNC:256](#))**Function**

Catalyzes the NAD-dependent oxidation of all-trans-retinol, alcohol, and omega-hydroxy fatty acids and their derivatives (PubMed: [15369820](http://www.uniprot.org/citations/15369820), PubMed: [16787387](http://www.uniprot.org/citations/16787387), PubMed: [9600267](http://www.uniprot.org/citations/9600267)). Oxidizes preferentially all trans-retinol, all-trans-4-hydroxyretinol, 9-cis-retinol, 2-hexenol, and long chain omega-hydroxy fatty acids such as juniperic acid (PubMed: [15369820](http://www.uniprot.org/citations/15369820), PubMed: [16787387](http://www.uniprot.org/citations/16787387), PubMed: [9600267](http://www.uniprot.org/citations/9600267)). In vitro can also catalyzes the NADH-dependent reduction of

all-trans- retinal and aldehydes and their derivatives (PubMed:15369820, PubMed:16787387, PubMed:9600267). Reduces preferentially all trans- retinal, all-trans-4-oxoretinal and hexanal (PubMed:15369820, PubMed:16787387). Catalyzes in the oxidative direction with higher efficiency (PubMed:16787387, PubMed:15369820). Therefore may participate in retinoid metabolism, fatty acid omega-oxidation, and elimination of cytotoxic aldehydes produced by lipid peroxidation (PubMed:9600267, PubMed:15369820, PubMed:16787387).

Cellular Location

Cytoplasm.

Tissue Location

Preferentially expressed in stomach.

Anti-ADH7 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-ADH7 Antibody - Images