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ADH6 Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9203c

Specification

ADH6 Antibody (Center) - Product Information

Application	**WB, IHC-P, FC,E**
Primary Accession	P28332
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**39073**
Antigen Region	**209-240**

ADH6 Antibody (Center) - Additional Information

Gene ID 130

Other Names
Alcohol dehydrogenase 6, ADH6

Target/Specificity
This ADH6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 209-240 amino acids from the Central region of human ADH6.

Dilution
WB~~1:1000
IHC-P~~1:50~100
FC~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
ADH6 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

ADH6 Antibody (Center) - Protein Information

Name ADH6

Function Alcohol dehydrogenase (PubMed:1755855). Catalyzes the NAD- dependent oxidation of

primary alcohols to the corresponding aldehydes (PubMed:1755855). Oxidizes secondary alcohols to the corresponding ketones (By similarity).

Cellular Location
Cytoplasm.

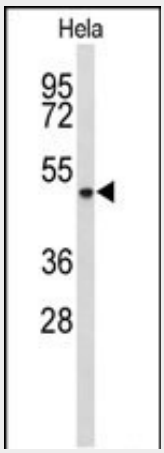
Tissue Location
Stomach and liver..

ADH6 Antibody (Center) - Protocols

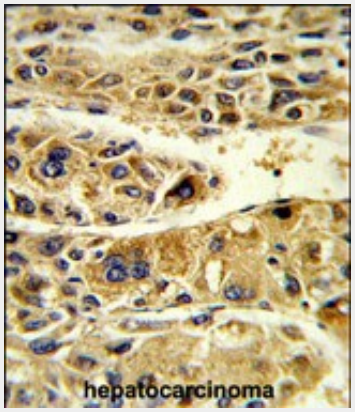
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ADH6 Antibody (Center) - Images

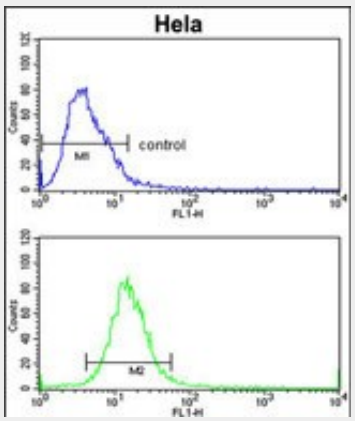


Western blot analysis of ADH6 Antibody (Center) (Cat. #AP9203c) in Hela cell line lysates (35ug/lane). ADH6 (arrow) was detected using the purified Pab.



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Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with ADH6 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



ADH6 Antibody (Center) (Cat. #AP9203c) flow cytometric analysis of Hela cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ADH6 Antibody (Center) - Background

ADH6 encodes class V alcohol dehydrogenase, which is a member of the alcohol dehydrogenase family. Members of this family metabolize a wide variety of substrates, including ethanol, retinol, other aliphatic alcohols, hydroxysteroids, and lipid peroxidation products. This protein is expressed in the stomach as well as in the liver, and it contains a glucocorticoid response element upstream of its 5' UTR, which is a steroid hormone receptor binding site.

ADH6 Antibody (Center) - References

Cui,R., et.al., Gastroenterology 137 (5), 1768-1775 (2009)
Saito,A., et.al., J. Hum. Genet. 54 (6), 317-323 (2009)
Tabakoff,B., et.al., BMC Biol. 7, 70 (2009)