# antibodies .- online.com





# anti-ADH6 antibody (AA 11-110) (AbBy Fluor® 350)



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Quantity:	100 μL
Target:	ADH6
Binding Specificity:	AA 11-110
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADH6 antibody is conjugated to AbBy Fluor® 350
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

#### **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human ADH6	
Isotype:	IgG	
Predicted Reactivity:	Human,Mouse,Rat,Cow,Pig	
Purification:	Purified by Protein A.	

# **Target Details**

Target:	ADH6	
Alternative Name:	ADH6 (ADH6 Products)	
Background:	ound: Synonyms: ADH 5, ADH 6, Adh6, ADH6_HUMAN, Alcohol dehydrogenase 6 class V, Alcohol	

dehydrogenase 6, Aldehyde reductase, Class V alcohol dehydrogenase 6, U	DP
GLUCURONOSYLTRANSFERASE 2B10 PRECURSOR, MICROSOMAL.	

Background: ADH6 (alcohol dehydrogenase 6), also known as ADH-5, is a 368 amino acid member of the class V zinc-containing alcohol dehydrogenase family. This family of enzymes functions to metabolize a wide variety of substrates such as retinol, hydroxysteroids, ethanol, aliphatic alcohols and lipid peroxidation products. Localized to the cytoplasm and expressed in the stomach and liver, ADH6 catalyzes the reversible oxidation of alcohols to their corresponding aldehydes or ketones and is able to bind two zinc ions as cofactors. ADH6 contains a glucocorticoid response element upstream of its 5' UTR which is thought to be a steroid binding site, suggesting that expression of ADH6 may be under hormonal control. Multiple isoforms of ADH6 exist due to alternative splicing events.

Gene ID:

130

## **Application Details**

Application Notes:	IF(IHC-P) 1:50-200
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IF(IHC-F) 1:50-200

IF(ICC) 1:50-200

Restrictions:

For Research Use only

### Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months