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Datasheet for ABIN2776993

## anti-ADH6 antibody (Middle Region)

1 Image

1 Publication

### Overview

Quantity:	100 µL
Target:	ADH6
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Guinea Pig, Horse, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADH6 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ADH6
Sequence:	AGAARIIGVD VNKEFKKKAQ ELGATECLNP QDLKKPIQEV LFDMTDAGID
Predicted Reactivity:	Cow: 86%, Dog: 79%, Guinea Pig: 79%, Horse: 86%, Human: 100%, Mouse: 79%, Rabbit: 86%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against ADH6. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

### Target Details

Target:	ADH6
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## Target Details

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Alternative Name:	<a href="#">ADH6 (ADH6 Products)</a>
Background:	<p>ADH6 is 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.</p> <p>Alias Symbols: ADH-5</p> <p>Protein Interaction Partner: RPAIN, RASSF5, RSL1D1, ANKRD17, TNIP1, RPS29, KRAS, ARRB1,</p> <p>Protein Size: 295</p>
Molecular Weight:	32 kDa
Gene ID:	130
NCBI Accession:	<a href="#">NM_000672</a>
UniProt:	<a href="#">Q8IUN7</a>

## Application Details

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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 295 AA
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Publications

Product cited in:

Palmieri, Gojis, Rudraraju, Stamp-Vincent, Wilson, Langdon, Gourley, Faratian: "Expression of steroid receptor coactivator 3 in ovarian epithelial cancer is a poor prognostic factor and a marker for platinum resistance." in: **British journal of cancer**, Vol. 108, Issue 10, pp. 2039-44, (2013) ([PubMed](#)).

Viringipurampeer, Ferreira, DeMaria, Yoon, Shan, Moosajee, Gregory-Evans, Ngai, Gregory-Evans: "Pax2 regulates a fadd-dependent molecular switch that drives tissue fusion during eye development." in: **Human molecular genetics**, Vol. 21, Issue 10, pp. 2357-69, (2012) ([PubMed](#)).

Lee, Doberstein, Baumgarten, Wieland, Ungerer, Bürger, Hardt, Boehncke, Pfeilschifter, Mihic-Probst, Mittelbronn, Gutwein: "PAX2 regulates ADAM10 expression and mediates anchorage-independent cell growth of melanoma cells." in: **PLoS ONE**, Vol. 6, Issue 8, pp. e22312, (2011) ([PubMed](#)).

Yu, Moriniere, Birke, Neumann, Fuchshofer, Kampik, Bloemendal, Welge-Lussen: "Reactivation of optic nerve head astrocytes by TGF-beta2 and H2O2 is accompanied by increased Hsp32 and Hsp47 expression." in: **Investigative ophthalmology & visual science**, Vol. 50, Issue 4, pp. 1707-17, (2009) ([PubMed](#)).

Hurtado, Holmes, Geistlinger, Hutcheson, Nicholson, Brown, Jiang, Howat, Ali, Carroll: "Regulation of ERBB2 by oestrogen receptor-PAX2 determines response to tamoxifen." in: **Nature**, Vol. 456, Issue 7222, pp. 663-6, (2008) ([PubMed](#)).

## Images



### Western Blotting

**Image 1.** WB Suggested Anti-ADH6 Antibody Titration: 1.25ug/ml Positive Control: HepG2 cell lysate ADH6 is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells