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Rabbit Anti-ADH6 antibody

SL12449R

Product Name:	ADH6
Chinese Name:	乙醇脱氢酶6抗体
Alias:	ADH 5; ADH 6; Adh6; ADH6_HUMAN; Alcohol dehydrogenase 6 (class V); Alcohol dehydrogenase 6; Aldehyde reductase; Class V alcohol dehydrogenase 6; UDP GLUCURONOSYLTRANSFERASE 2B10 PRECURSOR, MICROSOMAL.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	39kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ADH6:11-110/368
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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. **Subcellular Location:** Cytoplasm. **Tissue Specificity:** Stomach and liver. **Similarity:** Belongs to the zinc-containing alcohol dehydrogenase family. Class-V subfamily. **SWISS:** P28332 **Gene ID:** 130 **Database links:** Entrez Gene: 130Human Entrez Gene: 310903Rat Omim: 103735Human SwissProt: P28332Human SwissProt: Q5XI95Rat Unigene: 586161Human Unigene: 214994Rat **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.