bs-7365R **[Primary Antibody]**

ADH1A + ADH1B + ADH1G Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 124 **SWISS:** P07327

Target: ADH1A + ADH1B + ADH1G

Immunogen: KLH conjugated synthetic peptide derived from human ADH1A: 201-300/375.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene encodes a member of the alcohol dehydrogenase family. The encoded protein is the alpha subunit of class I alcohol dehydrogenase, which consists of several homo- and heterodimers of alpha, beta and gamma subunits. Alcohol dehydrogenases catalyze the oxidation of alcohols to aldehydes. This gene is active in the liver in early fetal life but only weakly active in adult liver. This gene is found in a cluster with six additional alcohol dehydrogenase genes, including those encoding the beta and gamma subunits, on the long arm of chromosome 4. Mutations in this gene may contribute to variation in certain personality traits and substance dependence. [provided by RefSeq, Nov 2010]

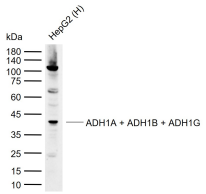
Applications: **WB** (1:500-2000)

Reactivity: Human

Predicted MW.: 40 kDa

Subcellular Location: Cytoplasm

VALIDATION IMAGES



Sample: Lane 1: Human HepG2 cell lysates Primary: Anti-ADH1A + ADH1B + ADH1G (bs-7365R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 40 kDa Observed band size: 40 kDa

SELECTED CITATIONS

- **[IF=4.784]** Wang C et al. A novel acidic polysaccharide from the residue of Panax notoginseng and its hepatoprotective effect on alcoholic liver damage in mice. Int J Biol Macromol. 2020 Feb 6;149:1084-1097. WB ;Mouse. 32035151
- **[IF=2.81]** Zhu et al. All-Trans Retinoic Acid-Induced Deficiency of the Wnt/β-Catenin Pathway Enhances Hepatic Carcinoma Stem Cell Differentiation. (2015) PLoS.On. 10:e0143255 IHC ;Human. 26571119