

Product Data Sheet

Anti-ADH5 Antibody

Catalog #	Source	Reactivity	Applications
CQA1804	Rabbit	H, M, R	WB, IF/IC
Description	Rabbit polyclonal antibody to ADH5		
Immunogen	Recombinant full length protein of human ADH5		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of ADH5 protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/2000), IF/IC (1/50 - 1/200)		
Gene Symbol	ADH5		
Alternative Names	ADHX; FDH; Alcohol dehydrogenase class-3; Alcohol dehydrogenase 5; Alcohol dehydrogenase class chi chain; Alcohol dehydrogenase class-III; Glutathione-dependent formaldehyde dehydrogenase; FALDH; FDH; GSH-FDH; S-(hydroxymethyl)glutathione dehydrogenase		
Entrez Gene	128 (Human); 11532 (Mouse); 100145871 (Rat)		
SwissProt	P11766 (Human); P28474 (Mouse); P12711 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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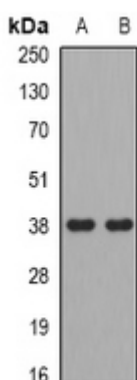
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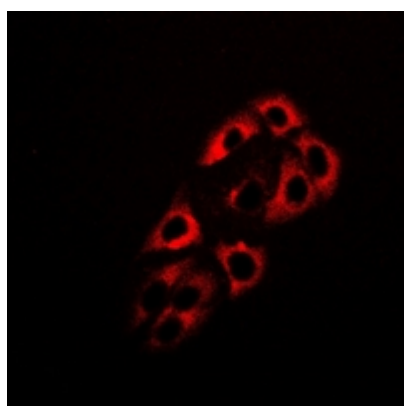
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Western blot analysis of ADH5 expression in U251 (A), U937 (B) whole cell lysates. (Predicted band size: 39 kD; Observed band size: 39 kD)



Immunofluorescent analysis of ADH5 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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