

Product Data Sheet

Anti-HSD17B13 Antibody

Catalog #	Source	Reactivity	Applications
CQA1317	Rabbit	H, M, R	WB, IH, IF/IC
Description	Rabbit polyclonal antibody to HSD17B13		
Immunogen	Recombinant full length protein of human HSD17B13		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of HSD17B13 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 - 1/1000), IH (1/50 - 1/100), IF/IC (1/50 - 1/200)		
Gene Symbol	HSD17B13		
Alternative Names	SCDR9; 17-beta-hydroxysteroid dehydrogenase 13; 17-beta-HSD 13; Short-chain dehydrogenase/reductase 9		
Entrez Gene	345275 (Human); 243168 (Mouse); 305150 (Rat)		
SwissProt	Q7Z5P4 (Human); Q8VCR2 (Mouse); Q5M875 (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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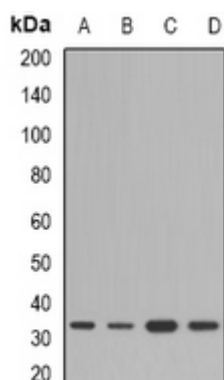
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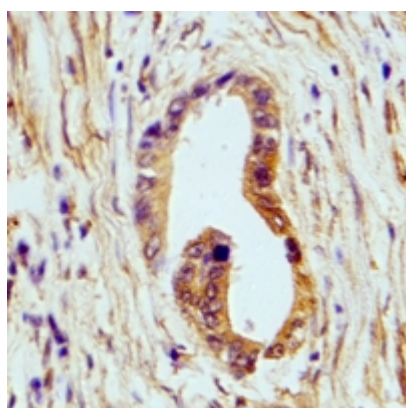
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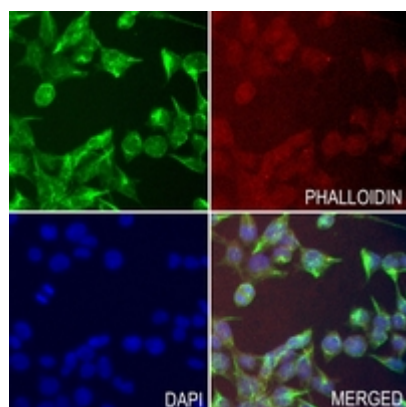
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Western blot analysis of HSD17B13 expression in HepG2 (A), mouse liver (B), mouse kidney (C), rat liver (D) whole cell lysates. (Predicted band size: 33 kD; Observed band size: 33 kD)



Immunohistochemical analysis of HSD17B13 staining in human colorectal cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of HSD17B13 staining in HEK293T 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 AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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