For research purposes only, not for human use

Product Data Sheet

Anti-GPR97 Antibody

Catalog #	Source	Reactivity	Applications
CPA4659	Rabbit	H, M	WB, IF/IC

Description	Rabbit polyclonal antibody to GPR97
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GPR97. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of GPR97 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), IF/IC (1/100 - 1/500)
Gene Symbol	GPR97
Alternative Names	PGR26; Probable G-protein coupled receptor 97; G-protein coupled receptor PGR26
Entrez Gene	222487 (Human); 54672 (Mouse)
SwissProt	Q86Y34 (Human); Q8R0T6 (Mouse)
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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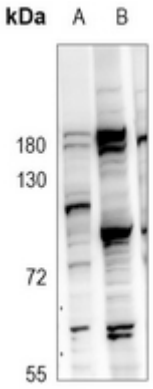
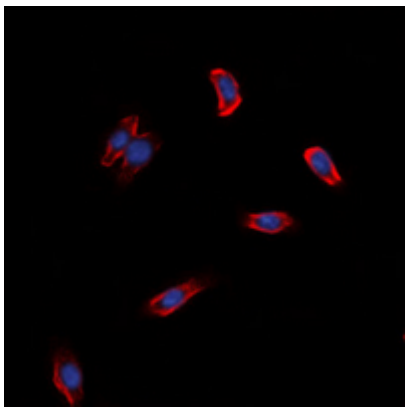


Western blot analysis of GPR97 expression in HepG2 (A), SP20 (B) whole cell lysates. (Predicted band size: 60 kD; Observed band size: 60; 104 kD)



Immunofluorescent analysis of GPR97 staining in HeLa 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 hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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