

Anti-GPR109A Antibody

Catalog #	Source	Reactivity	Applications
CQA4658	Rabbit	H, M, R	WB, IF/IC
Description	Rabbit polyclonal antibody to GPR109A		
Immunogen	KLH-conjugated synthetic peptide of human GPR109A. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of GPR109A 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	HCAR2		
Alternative Names	GPR109A; HCA2; HM74A; NIACR1; Hydroxycarboxylic acid receptor 2; G-protein coupled receptor 109A; G-protein coupled receptor HM74A; Niacin receptor 1; Nicotinic acid receptor		
Entrez Gene	338442 (Human); 80885 (Mouse); 353250 (Rat)		
SwissProt	Q8TDS4 (Human); Q9EP66 (Mouse); Q80Z39 (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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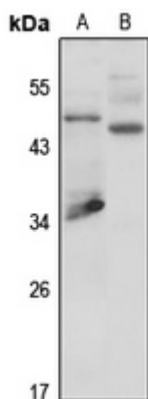
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Product Data Sheet



Western blot analysis of GPR109A expression in HepG2 (A), rat heart (B) whole cell lysates. (Predicted band size: 42 kD; Observed band size: 44 kD)

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