

Product Data Sheet

Anti-GPR40 Antibody

Catalog #	Source	Reactivity	Applications
CPA5088	Rabbit	H, M, R, Mk	WB
Description	Rabbit polyclonal antibody to GPR40		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GPR40. The exact sequence is proprietary.		
Purification	The antibody was purified by affinity chromatography.		
Specificity	Recognizes endogenous levels of GPR40 protein.		
Clonality	Polyclonal		
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)		
Gene Symbol	FFAR1		
Alternative Names	GPR40; Free fatty acid receptor 1; G-protein coupled receptor 40		
Entrez Gene	2864 (Human);233081 (Mouse);266607 (Rat)		
SwissProt	O14842 (Human);Q76JU9 (Mouse);Q8K3T4 (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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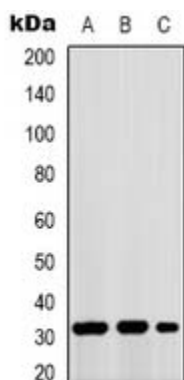
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Western blot analysis of GPR40 expression in K562 (A), mouse kidney (B), COS7 (C) whole cell lysates.

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