

Product Data Sheet

Anti-GPR73a Antibody

Catalog #	Source	Reactivity	Applications
CPA4792	Rabbit	H, M, R, B	WB, IF/IC
Description	Rabbit polyclonal antibody to GPR73a		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human GPR73a. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of GPR73a 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), IF/IC (1/100 - 1/500)		
Gene Symbol	PROKR1		
Alternative Names	GPR73; PKR1; Prokineticin receptor 1; PK-R1; G-protein coupled receptor 73; G-protein coupled receptor ZAQ; GPR73a		
Entrez Gene	10887 (Human); 58182 (Mouse); 192648 (Rat)		
SwissProt	Q8TCW9 (Human); Q9JKL1 (Mouse); Q8R416 (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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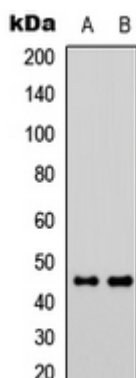
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Western blot analysis of GPR73a expression in Jurkat (A), Raw264.7 (B) whole cell lysates.



Immunofluorescent analysis of GPR73a staining in Jurkat 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. DAPI was used to stain the cell nuclei (blue).

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