

Anti-GPR115 Antibody

Catalog #	Source	Reactivity	Applications
CPA5491	Rabbit	H, M, R	WB, IF/IC
Description	Rabbit polyclonal antibody to GPR115		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human GPR115. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of GPR115 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	GPR115		
Alternative Names	PGR18; Probable G-protein coupled receptor 115; G-protein coupled receptor PGR18		
Entrez Gene	221393 (Human); 78249 (Mouse)		
SwissProt	Q8IZF3 (Human); Q9D2L6 (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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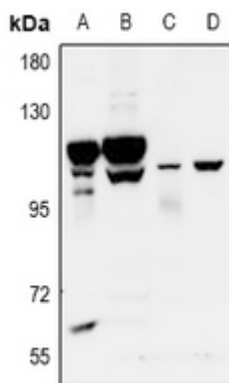
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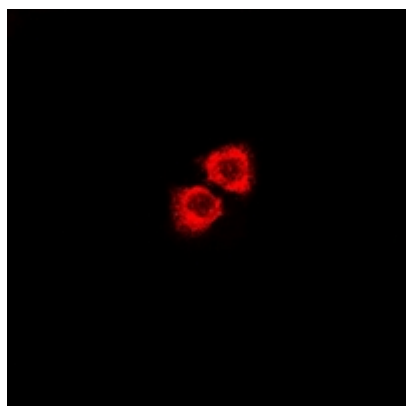
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Product Data Sheet



Western blot analysis of GPR115 expression in BV2 (A), PC12 (B), A549 (C), HepG2 (D) whole cell lysates. (Predicted band size: 77 kD; Observed band size: 110 kD)



Immunofluorescent analysis of GPR115 staining in LOVO 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 Alexa Fluor 647-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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