For research purposes only, not for human use

Product Data Sheet

Anti-GPR152 Antibody

Catalog #	Source	Reactivity	Applications
CPA3622	Rabbit	H, M	WB, IF/IC

Description	Rabbit polyclonal antibody to GPR152
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GPR152. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of GPR152 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 (1/50 - 1/200)
Gene Symbol	GPR152
Alternative Names	PGR5; Probable G-protein coupled receptor 152; G-protein coupled receptor PGR5
Entrez Gene	390212 (Human); 269053 (Mouse)
SwissProt	Q8TDT2 (Human); Q8BXS7 (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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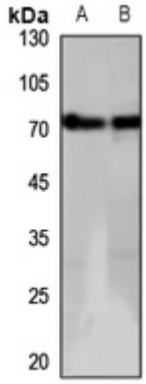
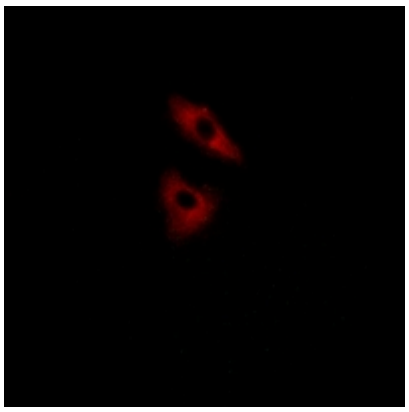


Western blot analysis of GPR152 expression in HEK293T (A), mouse brain (B) whole cell lysates. (Predicted band size: 50 kD; Observed band size: 70 kD)



Immunofluorescent analysis of GPR152 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 AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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