

Anti-GPR153 Antibody

Catalog # AP51236

Product Information

Application	WB, IF/IC
Primary Accession	Q6NV75
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	65361

Additional Information

Gene ID	387509
Other Names	PGR1; Probable G-protein coupled receptor 153; G-protein coupled receptor PGR1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GPR153. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

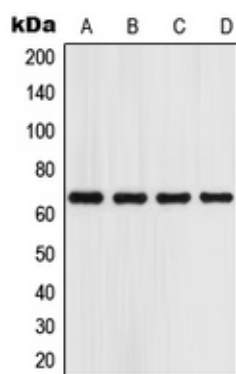
Protein Information

Name	GPR153
Synonyms	PGR1
Function	Orphan receptor.
Cellular Location	Cell membrane; Multi-pass membrane protein.

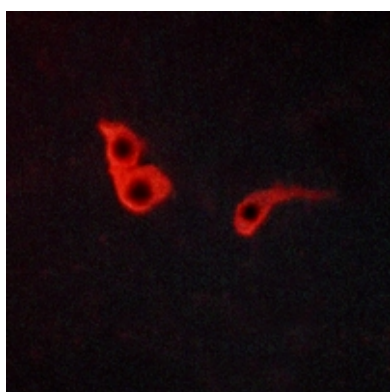
References

Gregory S.G.,et al.Nature 441:315-321(2006).
Vassilatis D.K.,et al.Proc. Natl. Acad. Sci. U.S.A. 100:4903-4908(2003).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).

Images



Western blot analysis of GPR153 expression in A549 (A), HeLa (B), Raw264.7 (C), rat lung (D) whole cell lysates. (Predicted band size: 65 kD; Observed band size: 65 kD)



Immunofluorescent analysis of GPR153 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 a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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