

Anti-GPR169 Antibody

Catalog # AP61050

Product Information

Application	WB, IHC, IF/IC
Primary Accession	Q86SM5
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31518

Additional Information

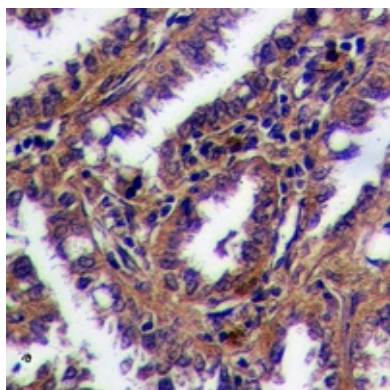
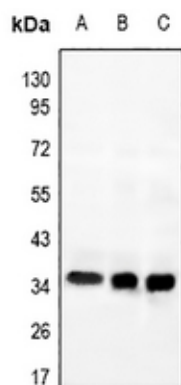
Gene ID	386746
Other Names	GPR169; MRGG; Mas-related G-protein coupled receptor member G; G-protein coupled receptor 169
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human GPR169. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IF/IC (1/100 - 1/500) IHC~~1:100~500 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

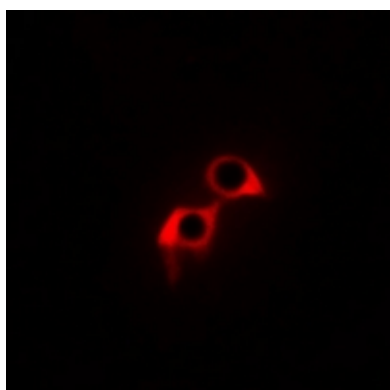
Name	MRGPRG
Synonyms	GPR169, MRGG
Function	Orphan receptor. May regulate nociceptor function and/or development, including the sensation or modulation of pain (By similarity).
Cellular Location	Cell membrane; Multi-pass membrane protein.

Images

Western blot analysis of GPR169 expression in PC12 (A), A549 (B), Hela (C) whole cell lysates. (Predicted band size: 31 kD; Observed band size: 36 kD)



Immunohistochemical analysis of GPR169 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of GPR169 staining in A549 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.