

Anti-GPR42 Antibody

Catalog # AP54124

Product Information

Application	WB, IF/IC
Primary Accession	O15529
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38665

Additional Information

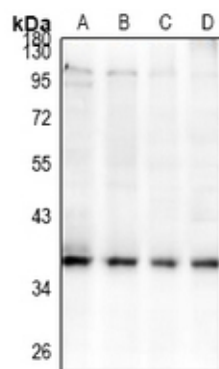
Gene ID	2866
Other Names	GPR42P; G-protein coupled receptor 42
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human GPR42. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 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

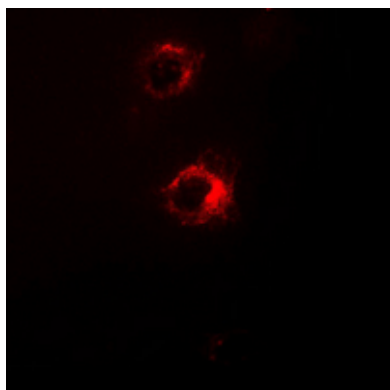
Name	GPR42
Synonyms	GPR42P
Function	G protein-coupled receptor that is activated by short chain fatty acids (SCFAs), such as propionate. Hence may play a role in the regulation of whole-body energy homeostasis and/or in intestinal immunity.
Cellular Location	Cell membrane; Multi-pass membrane protein

Images

Western blot analysis of GPR42 expression in HCT116 (A), U87MG (B), rat brain (C), mouse brain (D) whole cell lysates. (Predicted band size: 38 kD; Observed band size:



38 kD)



Immunofluorescent analysis of GPR42 staining in MCF7 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 Alexa Fluor 594-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'.