

GPR18 Antibody, Biotin conjugated



PACO35389

Product Information

Size:

50ug

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA

Recommended dilutions:**Protein Background:**

Receptor for endocannabinoid N-arachidonyl glycine (NAGly). However, conflicting results about the role of NAGly as an agonist are reported. Can also be activated by plant-derived and synthetic cannabinoid agonists. The activity of this receptor is mediated by G proteins which inhibit adenylyl cyclase. May contribute to regulation of the immune system. Is required for normal homeostasis of CD8+ subsets of intraepithelial lymphocytes (IELs) (CD8alphaalpha and CD8alphabeta IELs) in small intestine by supporting preferential migration of CD8alphaalpha T-cells to intraepithelial compartment over lamina propria compartment, and by mediating their reconstitution into small intestine after bone marrow transplant. Plays a role in hypotensive responses, mediating reduction in intraocular and blood pressure. Mediates NAGly-induced process of reorganization of actin filaments and induction of acrosomal exocytosis.

Gene ID:

GPR18

Uniprot

Q14330

Synonyms:

N-arachidonyl glycine receptor (NAGly receptor) (G-protein coupled receptor 18), GPR18, GPCRW

Immunogen:

Recombinant Human N-arachidonyl glycine receptor protein (290-331AA).

Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

Product Images

N/A

N/A