

Anti-Human/Mouse/Rat GPR120 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA04260

3th Edition

Description: Receptor for medium and long-chain free fatty acid (FAA). Signals via a G(q)/G(11)-coupled pathway. Acts as a receptor for omega-3 fatty acids and mediates robust anti-inflammatory effects particularly in macrophages and fat cells. The anti-inflammatory effects involve inhibition of TAK1 through a beta-arrestin 2 (ARRB2)/TAB1 dependent effect but independent of G(q)/G(11)-coupled pathway. Mediates potent insulin sensitizing and antidiabetic effects by repressing macrophage-induced tissue inflammation. May mediate the taste of fatty acids.

Antigen: Synthesized peptide derived from the Internal region of human GPR120

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Abundant expression in the intestinal tract.