

Anti-Human/Mouse/Monkey GPR132 Polyclonal Antibody**Polyclonal Antibody****Cat.NO.: PA04105**

3th Edition

Description: This gene encodes a member of the guanine nucleotide-binding protein (G protein)-coupled receptor (GPCR) superfamily. The receptors are seven-pass transmembrane proteins that respond to extracellular cues and activate intracellular signal transduction pathways. This protein was reported to be a receptor for lysophosphatidylcholine action, but PubMedID: 15653487 retracts this finding and instead suggests this protein to be an effector of lysophosphatidylcholine action. This protein may have proton-sensing activity and may be a receptor for oxidized free fatty acids. Alternative splicing results in multiple transcript variants. GPR132 (G Protein-Coupled Receptor 132) is a Protein Coding gene. Diseases associated with GPR132 include Inclusion Conjunctivitis. Among its related pathways are RET signaling and Peptide ligand-binding receptors. GO annotations related to this gene include G-protein coupled receptor activity. An important paralog of this gene is GPR4.

Antigen: Synthesized peptide derived from the C-terminal region of human G2A

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: Highly expressed in macrophages and hematopoietic tissues rich in lymphocytes, like spleen and thymus. Weakly expressed in heart and lung. In atherosclerotic plaques, expression is observed around the lipid core and at the shoulder region.