GPR12 (N-Term) Polyclonal Antibody

Item No. 14267 • Batch No. XXXXXX

Contents: This vial contains 50-500 µg of peptide affinity-purified IgG, lyophilized (batch specific).
Resuspend the IgG in 500 µl of purified water prior to use. Buffer will be 1X TBS, pH 7.4.

Synonym: G Protein-Coupled Receptor 12
Antigen: Human GPR12 amino acids 2-16
Host: Rabbit
Cross Reactivity: (+) Human GPR12 receptor; other species not tested.
Stability: ≥2 years at -20°C; reconstituted antibody is stable for 1 month at 4°C and 6 months at -20°C. Avoid freeze/thaw cycles.

Applications: Flow cytometry (FC) and immunocytochemistry (ICC); the recommended starting dilution for FC is 1:200 and 1:100 for ICC. Other applications were not attempted and therefore optimal working dilutions should be determined empirically.

G protein-coupled receptor 12 (GPR12) is a high affinity receptor for sphingosine-1-phosphate, sphingosyl-phosphorylcholine and tyrosol that is expressed in brain, pituitary, ovary, and testis tissues.1-5 GPR12 plays a role in neuronal differentiation, neuronal growth and the formation of synaptic contacts.2,5 Cayman’s GPR12 receptor (N-Term) polyclonal antibody can be used for flow cytometry and immunocytochemistry of GPR12 on human samples.

References

Related Products
For a list of related products please visit: www.caymanchem.com/catalog/14267

WARNING: THIS PRODUCT IS FOR LABORATORY RESEARCH ONLY; NOT FOR ADMINISTRATION TO HUMANS. NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

MATERIAL SAFETY DATA
This material should be considered hazardous until information to the contrary becomes available. Do not ingest, swallow, or inhale. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. This information contains some, but not all, of the information required for the safe and proper use of this material. Before use, the user must review the complete Material Safety Data Sheet, which has been sent via email to your institution.

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