GPR12 (C-Term) Polyclonal Antibody
Item No. 14266 • 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 323-334

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.1-3 GPR12 plays a role in neuronal differentiation, neuronal growth and the formation of synaptic contacts.4,5 Cayman’s GPR12 receptor (C-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/14266

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, sniff, 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.

WARRANTY AND LIMITATION OF REMEDY
Cayman Chemical Company makes no warranty or guarantee of any kind, whether written or oral, expressed or implied, including without limitation, any warranty of fitness for a particular purpose, suitability and merchantability, which extends beyond the description of the chemicals herein. Cayman warrants only to the original customer that the material will meet our specifications at the time of delivery. Cayman will carry out its delivery obligations with due care and skill. Thus, in no event will Cayman have any obligation or liability, whether in tort (including negligence) or in contract, for any direct, indirect, incidental or consequential damages, even if Cayman is informed about their possible existence. This limitation of liability does not apply in the case of intentional acts or negligence of Cayman, its directors or its employees. Buyer’s exclusive remedy and Cayman’s sole liability hereunder shall be limited to a refund of the purchase price, or at Cayman’s option, the replacement, at no cost to Buyer, of all material that does not meet our specifications. Said refund or replacement is conditioned on Buyer giving written notice to Cayman within thirty (30) days after arrival of the material at its destination. Failure of Buyer to give said notice within thirty (30) days shall constitute a waiver by Buyer of all claims hereunder with respect to said material.

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