

GPCR HM74 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP55965

Specification

GPCR HM74 Polyclonal Antibody - Product Information

Application IHC-P, IHC-F, IF, ICC, E
Primary Accession P49019
Host Rabbit
Clonality Polyclonal

Calculated MW 44478

GPCR HM74 Polyclonal Antibody - Additional Information

Gene ID 8843

Other Names

Hydroxycarboxylic acid receptor 3, G-protein coupled receptor 109B, G-protein coupled receptor HM74, G-protein coupled receptor HM74B, Niacin receptor 2, Nicotinic acid receptor 2, HCAR3, GPR109B, HCA3, HM74B, NIACR2

Dilution

IHC-P~~N/A<br \> <span class
="dilution_IHC-F">IHC-F~~N/A<br \> <span class
="dilution_IF">IF~~1:50~200<br \> ICC~~N/A<br \> E~~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

GPCR HM74 Polyclonal Antibody - Protein Information

Name HCAR3

Synonyms GPR109B, HCA3, HM74B, NIACR2

Function

Receptor for 3-OH-octanoid acid mediates a negative feedback regulation of adipocyte lipolysis to counteract prolipolytic influences under conditions of physiological or pathological increases in beta- oxidation rates. Acts as a low affinity receptor for nicotinic acid. This pharmacological effect requires nicotinic acid doses that are much higher than those provided by a normal diet.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

Expression largely restricted to adipose tissue and spleen.



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GPCR HM74 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GPCR HM74 Polyclonal Antibody - Images