

### **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
Host
Clonality
Calculated MW
P49019
Rabbit
Polyclonal
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**

<span class ="dilution\_IHC-P">IHC-P~~N/A</span><br \> <span class
="dilution\_IHC-F">IHC-F~~N/A</span><br \> <span class
="dilution\_IF">IF~~1:50~200</span><br \> <span class ="dilution\_ICC">ICC~~N/A</span><br \> <span class ="dilution\_E">E~~N/A</span>

#### **Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

### **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

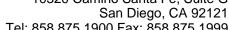
Synonyms GPR109B, HCA3, HM74B, NIACR2

#### **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.

# **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>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

**GPCR HM74 Polyclonal Antibody - Images**