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GPR81 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51959

Specification

GPR81 Antibody - Product Information

Application	**WB, E**
Primary Accession	Q9BXC0
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**39 KDa**

GPR81 Antibody - Additional Information

Gene ID 27198

Other Names
Hydroxycarboxylic acid receptor 1, G-protein coupled receptor 104, G-protein coupled receptor 81, HCAR1, GPR104, GPR81, HCA1

Target/Specificity
KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human GPR81. The exact sequence is proprietary.

Dilution
WB~~1:1000
E~~N/A

Format
0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage
Store at -20 °C.Stable for 12 months from date of receipt

GPR81 Antibody - Protein Information

Name HCAR1

Synonyms GPR104, GPR81, HCA1

Function
Acts as a receptor for L-lactate and mediates its anti- lipolytic effect through a G(i)-protein-mediated pathway.

Cellular Location
Cell membrane; Multi-pass membrane protein.

Tissue Location
Expressed abundantly in brown and white fat. It also detectable at lower levels in liver, kidney, skeletal muscle, brain and pituitary. Not detected in frontal, temporal and occipital lobes of the cortex, basal forebrain, caudate nucleus, nucleus accumbens and hippocampus.

GPR81 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GPR81 Antibody - Images

GPR81 Antibody - Background

Acts as a receptor for L-lactate and mediates its anti- lipolytic effect through a G(i)-protein-mediated pathway.

GPR81 Antibody - References

Lee D.K.,et al.Gene 275:83-91(2001).
Liu C.,et al.J. Biol. Chem. 284:2811-2822(2009).
Wang Y.-G.,et al.Submitted (FEB-2001) to the EMBL/GenBank/DDBJ databases.
Suwa M.,et al.Submitted (JUL-2001) to the EMBL/GenBank/DDBJ databases.
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