

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

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 Cytometry](#)
- [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.
King M.M., et al. Submitted (DEC-2003) to the EMBL/GenBank/DDBJ databases.