

FKSG80 / GPR81 Antibody (Extracellular Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10508**Specification**

FKSG80 / GPR81 Antibody (Extracellular Domain) - Product Information

Application	IHC-P
Primary Accession	Q9BXC0
Reactivity	Human, Rabbit, Hamster, Monkey, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39kDa KDa
Dilution	IHC-P~~N/A

FKSG80 / GPR81 Antibody (Extracellular Domain) - 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

Human GPR81. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

FKSG80 / GPR81 Antibody (Extracellular Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

FKSG80 / GPR81 Antibody (Extracellular Domain) - 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.

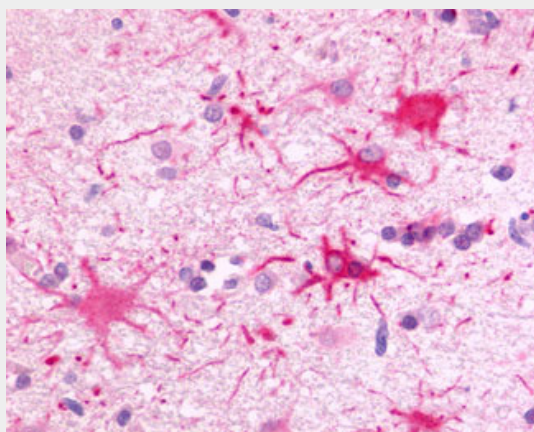
Volume

50 µl

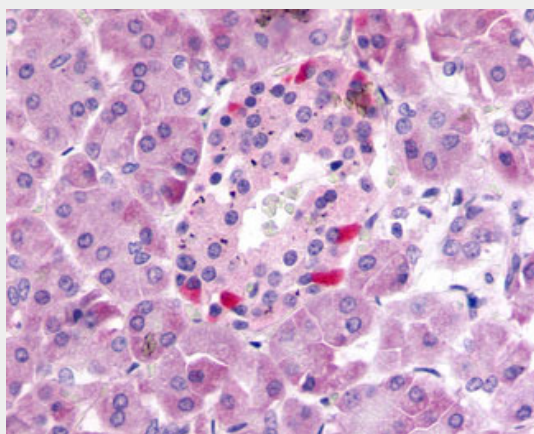
FKSG80 / GPR81 Antibody (Extracellular Domain) - Protocols

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](#)

FKSG80 / GPR81 Antibody (Extracellular Domain) - Images

Anti-FKSG80 / GPR81 antibody IHC of human Brain, Glioblastoma.



Anti-FKSG80 / GPR81 antibody IHC of human pancreas islet of Langerhans.

FKSG80 / GPR81 Antibody (Extracellular Domain) - Background

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

FKSG80 / GPR81 Antibody (Extracellular Domain) - References

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