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GPR146 Polyclonal Antibody

Catalog # AP70159

Product Information

Application	WB, IF, ICC, E
Primary Accession	Q96CH1
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36580

Additional Information

Gene ID	115330
Other Names	GPR146; PGR8; Probable G-protein coupled receptor 146; G-protein coupled receptor PGR8
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

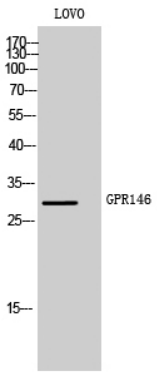
Protein Information

Name	GPR146
Synonyms	PGR8
Function	G protein-coupled receptor required for the regulation of plasma cholesterol levels (PubMed:31778654, PubMed:38503280). Receptor for CHLSN, a gut derived hormone which mediates an inhibitory effect of intestinal cholesterol absorption on hepatic cholesterol synthesis. Cholesin-binding exerts an antagonistic effect by inhibiting PKA signaling and suppressing SREBF2-controlled cholesterol in the liver (PubMed:38503280).
Cellular Location	Cell membrane; Multi-pass membrane protein

Background

Orphan receptor.

Images



Western Blot analysis of LOVO cells using GPR146 Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.