SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

Recombinant Anti-Human rxfp1 Antibody

Cat. No.: **MOM-18425**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody is against Human RXFP1, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

The receptors for glycoprotein hormones are G protein-coupled, 7-transmembrane receptors (GPCRs) with large N-terminal extracellular domains. Leucine-rich repeat (LRR)-containing GPCRs (LGRs) form a subgroup of the GPCR superfamily and LGR7 is a member of this group (subfamily relaxin). LGR7 expression has been reported in adrenal, brain, colon, heart, kidney, liver, lung, ovary, placenta, prostate, salivary gland, small intestine, testis, and uterus. Expression not detectable in spleen.

Specific Activity

Tested positive against native antigen.

Target

RXFP1

Source

Mouse

Species Reactivity

Human

Type

IgG

Expression Host

CHO

Purity

>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.

Applications

Suitable for use in Neut, ELISA, FC, IP and most other immunological methods.

Storage

Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing of samples.

ANTIGEN GENE INFOMATION

Gene Name

RXFP1 relaxin/insulin-like family peptide receptor 1 [Homo sapiens]

Official Symbol

RXFP1

Synonyms

RXFP1; relaxin/insulin-like family peptide receptor 1; leucine rich repeat containing G protein coupled receptor 7 , LGR7; relaxin receptor 1; RXFPR1; leucine-rich repeat-containing G protein-coupled receptor 7; LGR7; MGC138347; MGC142177

Gene ID

59350

mRNA Refseq

NM_001253727

Protein Refseq

NP_001240656

MIM

606654

UniProt ID

Q9HBX9

Chromosome Location

4q31.3

Pathway

Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Other, organism-specific biosystem; Myometrial Relaxation and Contraction Pathways, organism-specific biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem;

Function

G-protein coupled receptor activity; hormone binding; metal ion binding; receptor activity; signal transducer activity;

SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com