

For Research Use Only

FFAR2 Polyclonal antibody

Catalog Number: 21765-1-AP

1 Publications



Basic Information

Catalog Number:

21765-1-AP

Size:

150ul, Concentration: 470 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16367

GenBank Accession Number:

BC096198

GeneID (NCBI):

2867

UNIPROT ID:

O15552

Full Name:

free fatty acid receptor 2

Calculated MW:

330 aa, 37 kDa

Observed MW:

37-50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, ELISA

Species Specificity:

human, mouse

Cited Species:

mouse

Positive Controls:

WB : mouse colon tissue,

Background Information

Free fatty acid receptors (FFAR) play significant roles in various physiological processes through interaction with their ligands, fatty acids. Free fatty acid receptor 2 (FFAR2, also known as FFA2 or GPR43) is a receptor for short-chain fatty acids (SCFAs) and plays a role in the regulation of whole-body energy homeostasis and intestinal immunity (PMID: 12684041). It has been considered a therapeutic target for metabolic and inflammatory conditions (PMID: 23589301). FFAR2 has a calculated molecular weight of 37 kDa and can be glycosylated. The higher apparent molecular weight of 50 kDa has been reported, probably due to glycosylation (PMID: 31707282; 28131568).

Notable Publications

Author	Pubmed ID	Journal	Application
Chia-Pei Hsieh	41342448	Mol Nutr Food Res	WB,ELISA

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

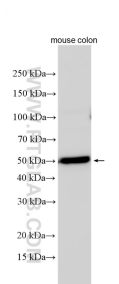
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Mouse colon tissue was subjected to SDS PAGE followed by western blot with 21765-1-AP (FFAR2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.