

For Research Use Only

# GPBAR1 Polyclonal antibody, PBS Only

Catalog Number: 26739-1-PBS



## Basic Information

Catalog Number:

26739-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24893

GenBank Accession Number:

BC033625

GeneID (NCBI):

151306

UNIPROT ID:

Q8TDU6

Full Name:

G protein-coupled bile acid receptor 1

Calculated MW:

35 kDa

Observed MW:

32 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

## Background Information

GPBAR1 (G-protein coupled bile acid receptor 1), also known as TGR5 or M-BAR, is a cell-surface receptor for bile acid which belongs to the G-protein coupled receptor 1 family (20236244). GPBAR1 gene expression is widely distributed, including endocrine glands, adipocytes, muscles, immune organs, spinal cord, and the enteric nervous system (24411485, 20665558, 22521118). GPBAR1 activation has some important biological effects such as anti-inflammatory, energy homeostasis and metabolism, anti-apoptotic, and choleretic functions (24411485, 22521118). In addition, GPBAR1 is related to several diseases, such as Metabolic and cardiovascular disorders, Hepatic and pancreatic disorders, Inflammatory bowel diseases, Gastrointestinal cancer, and so on (24411485).

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only

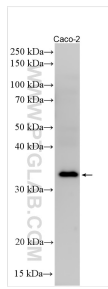
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26739-1-AP (GPBAR1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 26739-1-PBS in a different storage buffer formulation.