

For Research Use Only

# GPR39 Polyclonal antibody

Catalog Number: 23326-1-AP

1 Publications



## Basic Information

### Catalog Number:

23326-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 320 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG19913

### GenBank Accession Number:

BC125046

### GeneID (NCBI):

2863

### UNIPROT ID:

O43194

### Full Name:

G protein-coupled receptor 39

### Calculated MW:

453 aa, 51 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

IHC 1:50-1:500

## Applications

### Tested Applications:

IHC, ELISA

### Cited Applications:

WB

### Species Specificity:

human

### Cited Species:

mouse

### Positive Controls:

IHC : human small intestine tissue,

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

GPR39 (G protein-coupled receptor 39), a member of the ghrelin family of G protein-coupled receptors, is zinc-responsive and contributes to the regulation of diverse neurovascular and neurologic functions (PMID: 34360964). GPR39 has relatively high ligand-independent constitutive activity, based on an aromatic cluster on the inner face of the extracellular ends of TM domains VI and VII, similar to other members of the ghrelin receptor family (PMID: 33918078).

## Notable Publications

| Author      | Pubmed ID | Journal                 | Application |
|-------------|-----------|-------------------------|-------------|
| Panpan Yang | 35953014  | Int J Biochem Cell Biol | WB          |

## Storage

### Storage:

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

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

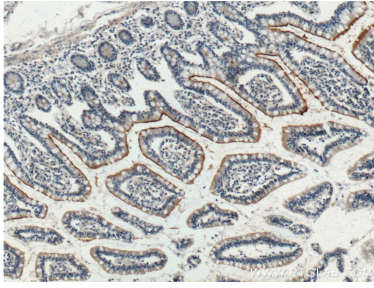
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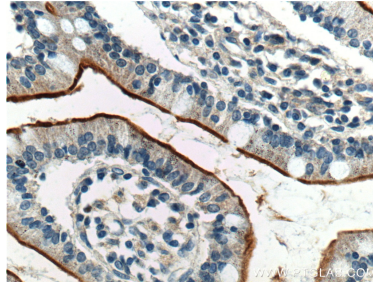
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 23326-1-AP (GPR39 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 23326-1-AP (GPR39 Antibody) at dilution of 1:200 (under 40x lens).