GPR39 Antibody (C-term)
Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19112b

Specification

GPR39 Antibody (C-term) - Product Information

<table>
<thead>
<tr>
<th>Application</th>
<th>WB, E</th>
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<tbody>
<tr>
<td>Primary Accession</td>
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<td>Other Accession</td>
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<td>Reactivity</td>
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<td>Host</td>
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<td>Clonality</td>
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<td>Isotype</td>
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<td>Clone Names</td>
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<td>Calculated MW</td>
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<tr>
<td>Antigen Region</td>
<td>379-407</td>
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</tbody>
</table>

GPR39 Antibody (C-term) - Additional Information

Gene ID 2863

Other Names
G-protein coupled receptor 39, GPR39

Target/Specificity
This GPR39 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 379-407 amino acids from the C-terminal region of human GPR39.

Dilution
WB ~ 1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
GPR39 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

GPR39 Antibody (C-term) - Background

Zn(2+) acts as an agonist. This receptor mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system. Its effect is mediated mainly through G(q)-alpha and G(12)/G(13) proteins. Involved in regulation of body weight, gastrointestinal mobility, hormone secretion and cell death (By similarity).

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Function
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Cellular Location
Cell membrane; Multi-pass membrane protein.

Tissue Location
Expressed in many tissues, including the stomach, intestine and hypothalamus.

GPR39 Antibody (C-term) - Protocols
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytometry
- Cell Culture

GPR39 Antibody (C-term) - Citations
- Changes in obestatin gene and receptor-GPR39 expression in peripheral tissues of rat models of obesity, type 1 and type 2 diabetes.