Product datasheet

Anti-GPCR GPR87 antibody ab77517

Overview

Product name: Anti-GPCR GPR87 antibody
Description: Rabbit polyclonal to GPCR GPR87
Host species: Rabbit
Tested applications: Suitable for: WB, ELISA, ICC/IF
Species reactivity: Reacts with: Human
Predicted to work with: Mouse
Immunogen: Synthetic peptide derived from internal sequence of human GPCR GPR87.
Positive control: Extracts from HUVEC cells and HT-29 cells. HUVEC cells.

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer: pH: 7.40
Preservative: 0.02% Sodium azide
Constituents: 50% Glycerol, 0.87% Sodium chloride, PBS
Without Mg2+ and Ca2+
Purity: Immunogen affinity purified
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab77517 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<tr>
<th>Application</th>
<th>Abreviews</th>
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</table>
**Function**
Receptor for lysophosphatidic acid (LPA). Necessary for p53/TP53-dependent survival in response to DNA damage.

**Tissue specificity**

**Sequence similarities**
Belongs to the G-protein coupled receptor 1 family.

**Cellular localization**
Cell membrane.

**Images**

**Western blot - Anti-GPCR GPR87 antibody**

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<tr>
<th>Lane</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>Extracts from HUVEC cells</td>
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<tr>
<td>2</td>
<td>Extracts from HT-29 cells</td>
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<tr>
<td>3</td>
<td>Extracts from HUVEC cells with immunising peptide at 5 µg</td>
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Lysates/proteins at 5 µg per lane.

**Predicted band size:** 41 kDa

**Observed band size:** 44 kDa

*why is the actual band size different from the predicted?*

**Additional bands at:** 20 kDa, 25 kDa. We are unsure as to the identity of these extra bands.

**ELISA**

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<td>ELISA</td>
<td>1/5000.</td>
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**ICC/IF**

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<td>ICC/IF</td>
<td>1/500 - 1/1000.</td>
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Immunofluorescence analysis of GPCR GPR87 in HUVEC cells using ab77517, at 1/500 dilution, in the absence or presence of immunising peptide.

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