10320 Camino Santa Fe, Suite G
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Anti-GIP Receptor Antibody
Rabbit polyclonal antibody to GIP Receptor
Catalog # AP60804

Specification

Anti-GIP Receptor Antibody - Product Information

Application	**WB, IF/IC, IHC**
Primary Accession	P48546
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**53157**

Anti-GIP Receptor Antibody - Additional Information

Gene ID 2696

Other Names
Gastric inhibitory polypeptide receptor; GIP-R; Glucose-dependent insulinotropic polypeptide receptor

Target/Specificity
Recognizes endogenous levels of GIP Receptor protein.

Dilution
WB~~WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500)
IF/IC~~N/A
IHC~~1:100~500

Format
Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage
Store at -20 °C.Stable for 12 months from date of receipt

Anti-GIP Receptor Antibody - Protein Information

Name GIPR

Function
This is a receptor for GIP. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase.

Cellular Location
Cell membrane; Multi-pass membrane protein

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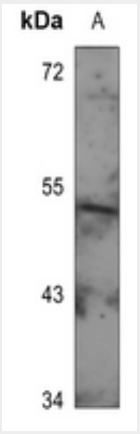
Anti-GIP Receptor Antibody - Protocols

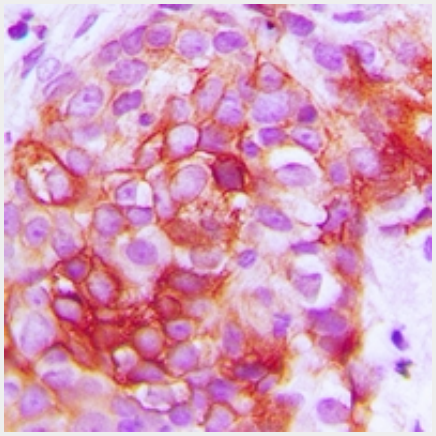
Provided below are standard protocols that you may find useful for product applications.

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

Anti-GIP Receptor Antibody - Images



Western blot analysis of GIP Receptor expression in HepG2 (A) whole cell lysates.



Immunohistochemical analysis of GIP Receptor staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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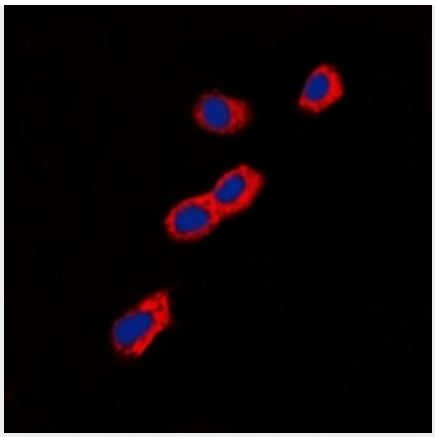

Immunofluorescent analysis of GIP Receptor staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Anti-GIP Receptor Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GIP Receptor. The exact sequence is proprietary.