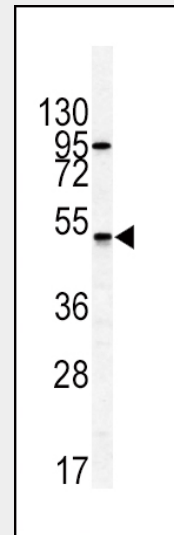
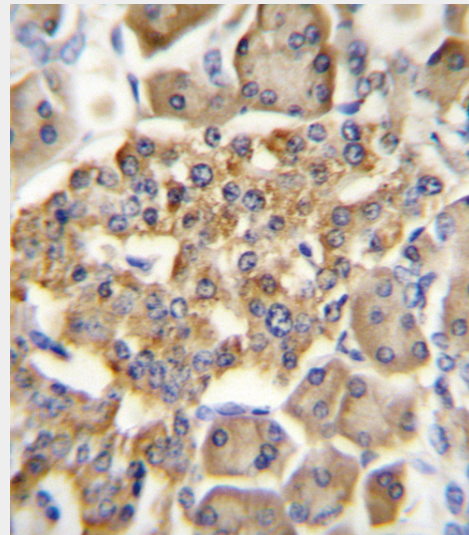


GIPR Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP7495A**Specification****GIPR Antibody (N-term) - Product Information**

Application	WB, IHC-P, FC,E
Primary Accession	P48546
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Antigen Region	7-38

GIPR Antibody (N-term) - Additional Information**Gene ID** 2696**Other Names**Gastric inhibitory polypeptide receptor, GIP-R,
Glucose-dependent insulintropic polypeptide
receptor, GIPR**Target/Specificity**This GIPR antibody is generated from rabbits
immunized with a KLH conjugated synthetic
peptide between 7-38 amino acids from the
N-terminal region of human GIPR.**Dilution**WB~~1:1000
IHC-P~~1:10~50
FC~~1:10~50**Format**Purified polyclonal antibody supplied in PBS
with 0.09% (W/V) sodium azide. This antibody
is prepared by Saturated Ammonium Sulfate
(SAS) precipitation followed by dialysis
against PBS.**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**GIPR Antibody (N-term) is for research use
only and not for use in diagnostic or
therapeutic procedures.**GIPR Antibody (N-term) - Protein Information****Name** GIPR

Western blot analysis of GIPR antibody (N-term) (Cat.#AP7495a) in HL60 cell line lysates (35ug/lane). GIPR (arrow) was detected using the purified Pab.



GIPR Antibody (N-term) (Cat. #AP7495A) immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of GIPR Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Function

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

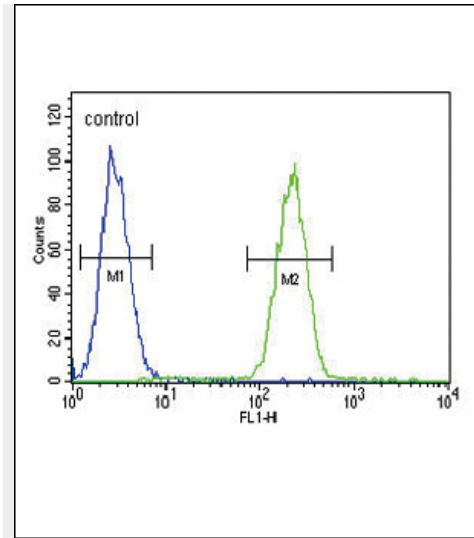
Cellular Location

Cell membrane; Multi-pass membrane protein.

GIPR Antibody (N-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](#)



GIPR Antibody (Center) (Cat. #AP7495a) flow cytometric analysis of MDA-MB231 cells (right histogram) compared to a negative control (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

GIPR Antibody (N-term) - Background

GIPR also called glucose-dependent insulinotropic polypeptide, is a 42-amino acid polypeptide synthesized by K cells of the duodenum and small intestine. This protein was originally identified as an activity in gut extracts that inhibited gastric acid secretion and gastrin release, but subsequently was demonstrated to stimulate insulin release potently in the presence of elevated glucose. The insulinotropic effect on pancreatic islet beta-cells was then recognized to be the principal physiologic action of GIP. Together with glucagon-like peptide-1, GIP is largely responsible for the secretion of insulin after eating. The protein is involved in several other facets of the anabolic response.

GIPR Antibody (N-term) - References

Herbach, N. Am. J. Physiol. Renal Physiol. 296 (4), F819-F829 (2009) Rudovich, N., Kaiser, S. Regul. Pept. 142 (3), 138-145 (2007) Nitz, I., Fisher, E. Mol Nutr Food Res 51 (8), 1046-1052 (2007)

GIPR Antibody (N-term) - Citations

- [Transgenic rescue of adipocyte glucose-dependent insulinotropic polypeptide receptor expression restores high fat diet-induced body weight gain.](#)