

Datasheet for ABIN453665
anti-GIPR antibody (Middle Region)



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1 Image

Overview

Quantity:	0.4 mL
Target:	GIPR
Binding Specificity:	AA 113-142, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GIPR antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 113~142 amino acids from the Center region of Human GIPR. Genename: GIPR
Specificity:	This antibody recognizes GIPR.
Purification:	Affinity Chromatography on Protein A

Target Details

Target:	GIPR
Alternative Name:	GIPR (GIPR Products)
Background:	GIPR also called glucose-dependent insulintropic 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,

Target Details

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. Synonyms: GIP-R, Gastric inhibitory polypeptide receptor, Glucose-dependent insulinotropic polypeptide receptor

Gene ID: 2696

NCBI Accession: [NP_000155](#)

UniProt: [P48546](#)

Pathways: [Positive Regulation of Peptide Hormone Secretion](#), [cAMP Metabolic Process](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

Application Details

Application Notes: ELISA: 1/1,000. Western blotting: 1/100 - 1/500.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) Sodium Azide as preservative

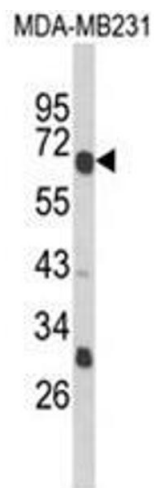
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of GIPR Antibody (Center) in MDA-MB231 cell line lysates (35ug/lane). GIPR (arrow) was detected using the purified Pab.