

Datasheet for ABIN2789672
anti-GIPR antibody (N-Term)



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Overview

Quantity:	100 µL
Target:	GIPR
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Rabbit, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GIPR antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	GFVLRQCGSD GQWGLWRDHT QCENPEKNEA FLDQRLILER LQVMYTVGYS
Predicted Reactivity:	Cow: 92%, Dog: 86%, Guinea Pig: 93%, Horse: 86%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against GIPR. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	GIPR
Alternative Name:	GIPR (GIPR Products)
Background:	This gene encodes a G-protein coupled receptor for gastric inhibitory polypeptide (GIP), which

Target Details

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 in the presence of elevated glucose. Mice lacking this gene exhibit higher blood glucose levels with impaired initial insulin response after oral glucose load. Defect in this gene thus may contribute to the pathogenesis of diabetes.

Alias Symbols: MGC126722, PGQTL2

Protein Interaction Partner: LNX1, UBC, GIP,

Protein Size: 466

Molecular Weight: 53 kDa

Gene ID: 2696

NCBI Accession: [NM_000164](#), [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: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 466 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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 freeze-thaw cycles.

Storage: -20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

