

Rabbit GIPR / GIP Receptor Polyclonal Antibody | anti-GIPR antibody

Rabbit Polyclonal to Human GIPR / GIP Receptor

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51470	Rabbit	Gorilla, Human Predicted Reactivity: Bovine, Dog (at least 90% immunogen sequence identity)	Immunohistochemistry

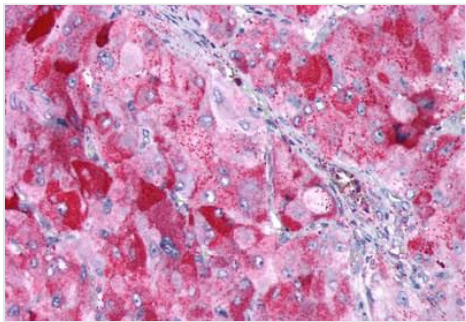
PRODUCT SYNONYMS

GIPR / GIP Receptor; Polyclonal Antibody; Rabbit Polyclonal to Human GIPR / GIP Receptor; Anti-GIPR / GIP Receptor Antibody (N-Terminus) IHC-plus; GIPR; GIP receptor; PGQTL2; GIP-R; Human GIPR; GIP Receptor; anti-GIPR antibody

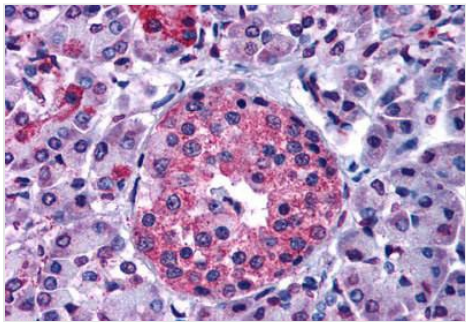
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gorilla, Human Predicted Reactivity: Bovine, Dog (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human GIPR. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except GHRHR (100%), ZNF839 (61%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	466
Applicable Applications for anti-GIPR antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 18 amino acid peptide from N-terminal extracellular domain of human GIPR. Percent identity with other species by BLAST analysis: Human, Gorilla (100%); Panda, Bovine, Dog (94%); Marmoset, Horse (89%); Hamster, Rabbit (83%).
Immunogen Type	Synthetic peptide
Immunogen	GIPR / GIP Receptor antibody was raised against synthetic 18 amino acid peptide from N-terminal extracellular domain of human GIPR. Percent identity with other species by BLAST analysis: Human, Gorilla (100%); Panda, Bovine, Dog (94%); Marmoset, Horse (89%); Hamster, Rabbit (83%).
Antigen Modification	N-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-GIPR / GIP Receptor antibody IHC of human Adrenal, Pheochromocytoma.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-GIPR antibody IHC of human pancreas. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-GIPR antibody	GIPR, or Gastric Inhibitory Polypeptide Receptor, mediates GIP-induced secretion of insulin by pancreatic islet beta cells after a meal. GIP is a gastrointestinal peptide hormone of 42 aa that is released from duodenal endocrine K cells after absorption of glucose or fat. Stimulation of the GIPR on pancreatic cells activates adenylyl cyclase and mitogen-activated protein kinase, resulting in increased insulin secretion.
Product Categories/Family for anti-GIPR antibody	Family: GPCR; Subfamily: Gastric inhibitory polypeptide

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503999
NCBI GeneID	2696
NCBI Accession #	NP_000155.1
NCBI GenBank Nucleotide #	NM_000164.2
UniProt Accession #	P48546; Q14401; Q16400; Q52M04; Q9UPI1; B7WP14; B7ZKQ0
Molecular Weight	49,062 Da
NCBI Official Full Name	gastric inhibitory polypeptide receptor
NCBI Official Synonym Full Names	gastric inhibitory polypeptide receptor
NCBI Official Symbol	GIPR
NCBI Official Synonym Symbols	PGQTL2
NCBI Protein Information	gastric inhibitory polypeptide receptor; GIP-R; glucose-dependent insulinotropic polypeptide receptor
UniProt Protein Name	Gastric inhibitory polypeptide receptor
UniProt Gene Name	GIPR
UniProt Synonym Gene Names	GIP-R
UniProt Entry Name	GIPR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.