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ARG66400
anti-GIPR antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes GIPR
Tested Reactivity	Hu
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GIPR
Species	Human
Immunogen	Synthetic peptide corresponding to aa. 60-140 of Human GIPR.
Conjugation	Un-conjugated
Alternate Names	PGQTL2; GIP-R; Glucose-dependent insulinotropic polypeptide receptor; Gastric inhibitory polypeptide receptor

Application Instructions

Application table

Application	Dilution
ICC/IF	1:200 - 1:1000
IHC-P	1:100 - 1:300
WB	1:500 - 1:2000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Observed Size: ~ 53 kDa

Properties

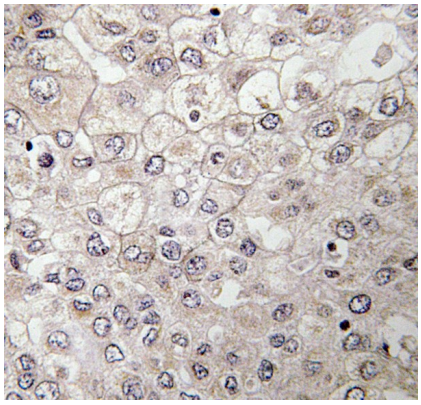
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.02% Sodium azide, 50% Glycerol and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol and 0.5% BSA
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

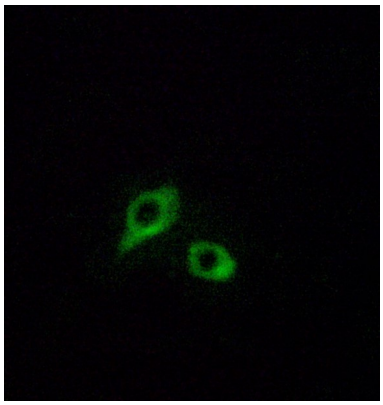
Gene Symbol	GIPR
Gene Full Name	gastric inhibitory polypeptide receptor
Background	This gene encodes a G-protein coupled receptor for gastric inhibitory polypeptide (GIP), which was originally identified as an activity in gut extracts that inhibited gastric acid secretion and gastrin release, but subsequently 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. [provided by RefSeq, Oct 2011]
Function	This is a receptor for GIP. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase. [UniProt]
Calculated Mw	53 kDa
PTM	N-glycosylation is required for cell surface expression and lengthens receptor half-life by preventing degradation in the ER. [UniProt]
Cellular Localization	Cell membrane; Multi-pass membrane protein. [UniProt]

Images



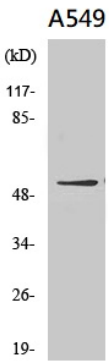
ARG66400 anti-GIPR antibody IHC-P image

Immunohistochemistry: Human liver carcinom stained with ARG66400 anti-GIPR antibody.



ARG66400 anti-GIPR antibody ICC/IF image

Immunofluorescence: MCF7 stained with ARG66400 anti-GIPR antibody.



ARG66400 anti-GIPR antibody WB image

Western blot: A549 cell lysate stained with ARG66400 anti-GIPR antibody.