Best Tools for immunology Research

GIPR Polyclonal Antibody

Catalog No :	YT1906
Reactivity :	Human;Rat;Mouse;
Applications :	WB;IHC;IF;ELISA
Target :	GIPR
Fields :	>>cAMP signaling pathway;>>Neuroactive ligand-receptor interaction
Gene Name :	GIPR
Protein Name :	Gastric inhibitory polypeptide receptor
Human Gene Id :	2696
Human Swiss Prot No :	P48546
Mouse Swiss Prot No :	Q0P543
Immunogen :	The antiserum was produced against synthesized peptide derived from human GIPR. AA range:93-142
Specificity :	GIPR Polyclonal Antibody detects endogenous levels of GIPR protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 53kD

Cell Pathway : Neuroactive ligand-receptor interaction;

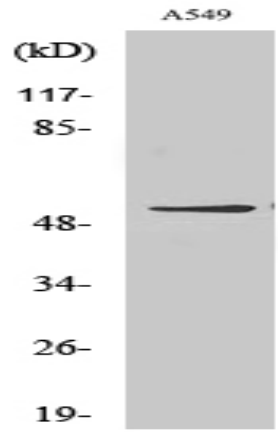
Background : This gene encodes a G-protein coupled receptor for gastric inhibitory polypeptide (GIP), which was originally identified as an activity in gut extracts that inhibited gastric acid secretion and gastrin release, but subsequently was demonstrated to stimulate insulin release in the presence 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 : function:This is a receptor for GIP. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase.,similarity:Belongs to the G-protein coupled receptor 2 family.,

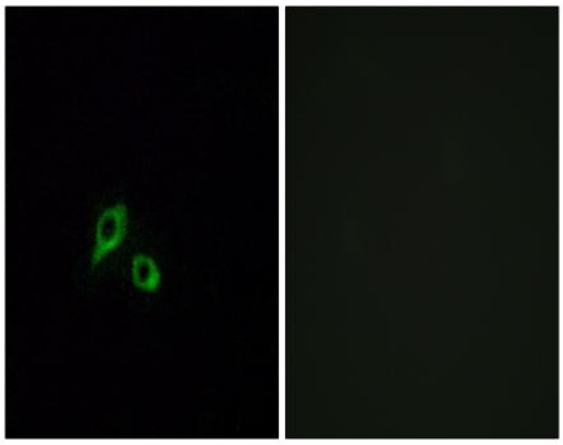
Subcellular Location : Cell membrane; Multi-pass membrane protein.

Expression : Colon,G-protein coupled receptors,Pancreas,

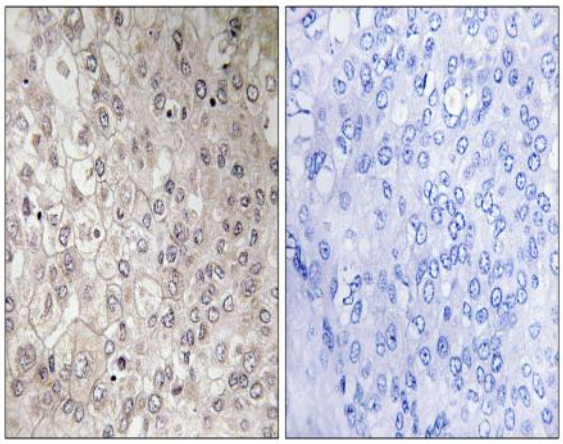
Products Images



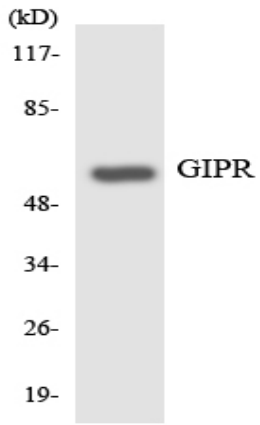
Western Blot analysis of various cells using GIPR Polyclonal Antibody



Immunofluorescence analysis of MCF7 cells, using GIPR Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue, using GIPR Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HT-29 cells using GIPR antibody.