



GIPR rabbit pAb

Cat No.:ES2425

For research use only

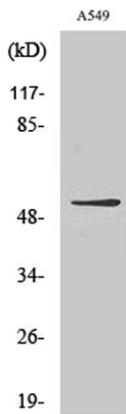
Overview

Product Name	GIPR rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
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.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Gastric inhibitory polypeptide receptor
Gene Name	GIPR
Cellular localization	Cell membrane; Multi-pass membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	53kD
Human Gene ID	2696
Human Swiss-Prot Number	P48546
Alternative Names	GIPR; Gastric inhibitory polypeptide receptor; GIP-R; Glucose-dependent insulintropic 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,



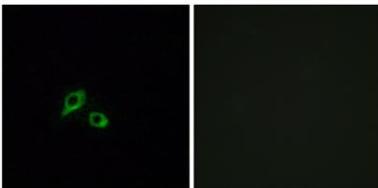


but subsequently was demonstrated to stimulate insulin release in the presence of elevated glucose. Mice lacking this gene exhibit higher blood glucose levels with impaired initial insulin response after oral glucose load. Defect in this gene thus may contribute to the pathogenesis of diabetes. [provided by RefSeq, Oct 2011],

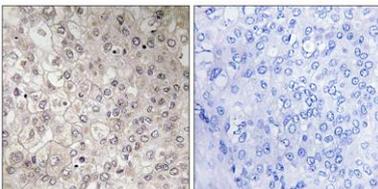


Western Blot analysis of various cells using GIPR Polyclonal Antibody

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

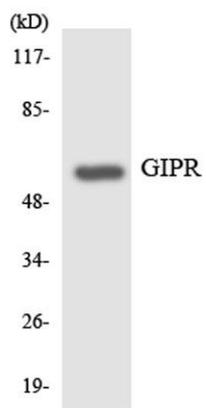


Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue, using GIPR Antibody. The picture on the right is blocked with the synthesized peptide.





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



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