

GIPR Rabbit Polyclonal Antibody

Catalog No: #55615

Package Size: #55615-1 50ul #55615-2 100ul

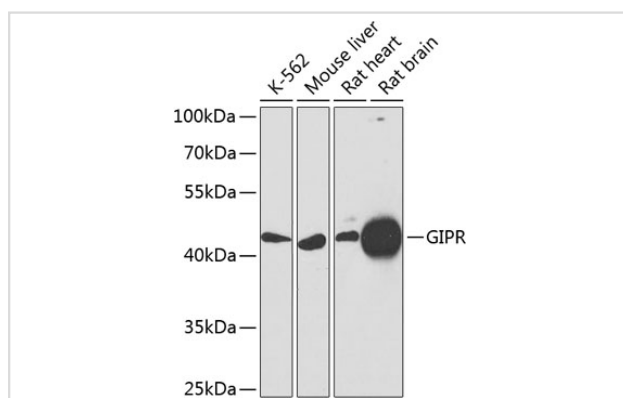
Description

Product Name	GIPR Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human GIPR (NP_000155.1).
Conjugates	Unconjugated
Other Names	GIPR;PGQTL2
Accession No.	Swiss Prot:P48546GenelD:2696
Calculated MW	48kDa/49kDa/53kDa
SDS-PAGE MW	45kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB 1:2000 - 1:5000IHC 1:50 - 1:200

Images



Western blot analysis of extracts of various cell lines, using GIPR at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.