

Rabbit anti-Human, Mouse GIPR Polyclonal Antibody | anti-GIPR antibody

GIPR Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325774	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

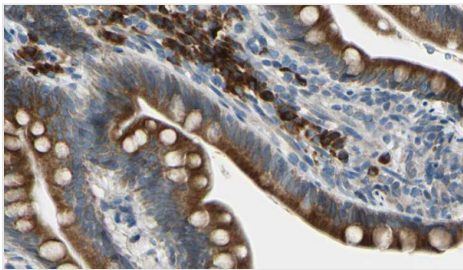
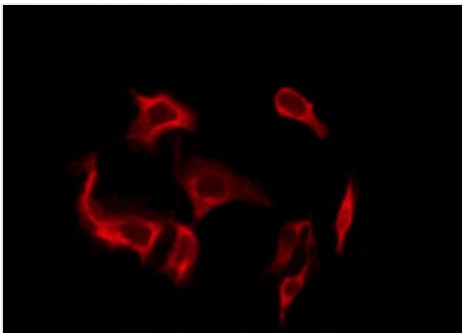
PRODUCT SYNONYMS

GIPR; Polyclonal Antibody; GIPR Antibody; Gastric inhibitory polypeptide receptor; GIP R; GIP-R; Gippr; Gipr; GIPR_HUMAN; Glucose dependent insulinotropic polypeptide receptor; Glucose-dependent insulinotropic polypeptide receptor; Gm1081; Gm160; INSULINOTROPIC POLYPEPTIDE RECEPTOR; GLUCOSE DEPENDENT; MGC126722; PGQTL2; RATGIPPR; anti-GIPR antibody

PRODUCT SPECIFICATIONS

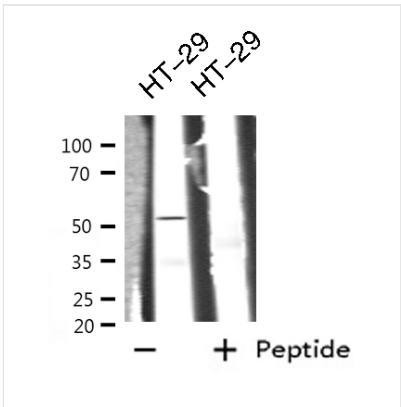
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	GIPR antibody detects endogenous levels of total GIPR
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	466
Applicable Applications for anti-GIPR antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Predicted Cross Reactivity	Pig, Bovine, Horse, Rabbit, Dog
Similarity	Pig (88%), Bovine (100%), Horse (100%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA325774 at 1/100 staining Mouse intestine tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

IF (Immunofluorescence)
AAA325774 staining A549 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis GIPR using HT-29 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-GIPR antibody	Function: This is a receptor for GIP. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase. Subunit Structure: May form homodimers and heterodimers with GLP1R. Post-translational Modifications: N-glycosylation is required for cell surface expression and lengthens receptor half-life by preventing degradation in the ER. Similarity: Belongs to the G-protein coupled receptor 2 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503999
NCBI GeneID	2696
NCBI Accession #	NP_000155.1
NCBI GenBank Nucleotide #	NM_000164.3
UniProt Accession #	P48546; Q14401; Q16400; Q52M04; Q9UPI1; B7WP14; B7ZKQ0
Molecular Weight	Observed: 53 kD Predicted: 54 kDa
NCBI Official Full Name	gastric inhibitory polypeptide receptor isoform 1
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
UniProt Protein Name	Gastric inhibitory polypeptide receptor
UniProt Gene Name	GIPR
UniProt Synonym Gene Names	GIP-R

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gipr-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/325774>