

Rabbit GIPC1 Polyclonal Antibody | anti-GIPC1 antibody

GIPC1 Antibody (N-term)

CATALOG # AAA287128	HOST Rabbit	REACTIVITY Human, mouse (Predicted Reactivity: Rat)	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

GIPC1; Polyclonal Antibody; GIPC1 Antibody (N-term); C19orf3; GIPC; RGS19IP1; anti-GIPC1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GIPC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 52-81 amino acids from the N-terminal region of human GIPC1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	52-81
Sequence Length	81
Applicable Applications for anti-GIPC1 antibody	ELISA, WB (Western Blot)
Function	May be involved in G protein-linked signaling.
Cellular Location	Cytoplasm. Membrane; Peripheral membrane protein.
Tissue Location	Widely expressed
Clone Names	RB35840
Function	May be involved in G protein-linked signaling.
Cellular Location	Cytoplasm. Membrane; Peripheral membraneprotein
Tissue Location	Widely expressed.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

All lanes : Anti-GIPC1 Antibody (N-term) at 1:2000 dilutionLane 1: 293 whole cell lysateLane 2: Hela whole cell lysateLane 3: HepG2 whole cell lysateLane 4: U-251 MG whole cell lysateLane 5: Mouse brain lysate Lane6: Ratbrain lysate Lysates/proteins at 20 ug per lane.



WB (Western Blot)

All lanes : Anti-GIPC1 Antibody (N-term) at 1:2000 dilutionLane 1: 293 whole cell lysateLane 2: Hela whole cell lysateLane 3: HepG2 whole cell lysateLane 4: U-251 MG whole cell lysate Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 36 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-GIPC1 antibody	GIPC1 is a scaffolding protein that regulates cell surface receptor expression and trafficking (Lee et al., 2008 [PubMed 18775991]).
Product Categories/Family for anti-GIPC1 antibody	Signal Transduction
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Wu, D., et al. J. Biol. Chem. 285(37):28643-28650(2010) Razanskas, R., et al. Arch. Virol. 155(2):247-250(2010) Puri, C., et al. Oncogene 29(2):188-200(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031715
NCBI GeneID	10755
NCBI Accession #	NP_005707.1; NP_974197.1; NP_974198.1; NP_974199.1; NP_974223.1
NCBI GenBank Nucleotide #	NM_005716.3
UniProt Accession #	O14908; Q9BTC9; A8K4I3; A8MZG3
Molecular Weight	36049
NCBI Official Full Name	PDZ domain-containing protein GIPC1 isoform 1
NCBI Official Synonym Full Names	GIPC PDZ domain containing family, member 1
NCBI Official Symbol	GIPC1
NCBI Official Synonym Symbols	NIP; GIPC; IIP-1; TIP-2; SEMCAP; C19orf3; Hs.6454; GLUT1CBP; RGS19IP1; SYNECTIN; SYNECTIIN
NCBI Protein Information	PDZ domain-containing protein GIPC1
UniProt Protein Name	PDZ domain-containing protein GIPC1
UniProt Gene Name	GIPC1
UniProt Synonym Gene Names	C19orf3; GIPC; RGS19IP1; TIP-2
UniProt Entry Name	GIPC1_HUMAN

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.