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Datasheet for ABIN6982872
anti-GIPC1 antibody (AA 171-270) (Biotin)

Overview

Quantity:	100 µL
Target:	GIPC1
Binding Specificity:	AA 171-270
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GIPC1 antibody is conjugated to Biotin
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GIPC1?
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Cow,Sheep
Purification:	Purified by Protein A.

Target Details

Target:	GIPC1
Alternative Name:	GIPC1 (GIPC1 Products)
Background:	Synonyms: C19ORF3, Chromosome 19 open reading frame 3, GIPC, GLUT1 C terminal binding

Target Details

protein, GLUT1CBP, IGF 1 receptor interacting protein 1, IIP 1, IIP1, NIP, PDZ domain-containing protein GIPC1, Regulator of G protein signalling 19 interacting protein 1, RGS19 interacting protein 1, RGS19IP1, SEMCAP, SYNECTIN, Tax interaction protein 2, TIP 2, GIPC1_HUMAN. Background: GIPC, for GAIP interacting protein at the C terminus (also designated SEMCAP-1 or synectin), is a PDZ domain containing protein that interacts with RGS-GAIP, a GTPase-activating protein (GAP) for G(a i) subunits. GIPC was also identified as TIP-2, a protein that interacts with the viral oncoprotein TAX, which transactivates viral and cellular promoters through interactions with various transcription factors. PDZ domain-containing proteins are primarily localized to cell-cell junctions in epithelial cells and neurons where they coordinate the assembly of multiprotein complexes. GIPC specifically localizes to clusters of vesicles near the plasma membrane and participates in G protein-coupled signaling pathway involved in regulating clathrin-coated vesicular trafficking. GIPC also associates with membrane bound semaphorin F (M-SemF), which is involved in neuronal axon growth, and it appears to regulate the subcellular distribution of M-SemF in the brain.

Gene ID: 10755

UniProt: [O14908](#)

Pathways: [Dicarboxylic Acid Transport](#)

Application Details

Application Notes: WB 1:300-5000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Handling

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months