



Goat anti-GIPC1 / NIP Antibody

Item Number	dAP-0273
Target Molecule	Principle Name: GIPC1 / NIP; Official Symbol: GIPC1; All Names and Symbols: GIPC1; NIP; GIPC PDZ domain containing family, member 1; C19orf3; GIPC; GLUT1CBP; Hs.6454; IIP-1; MGC15889; MGC3774; RGS19IP1; SEMCAP; SYNECTIIN; TIP-2; GLUT1 C-terminal binding protein; IGF-1 receptor interacting protein 1; regulator of G-protein signal; Accession Number (s): NP_005707.1; NP_974197.1; NP_974199.1; NP_974196.1; NP_974198.1; NP_974223.1; Human Gene ID(s): 10755; Non-Human Gene-
Immunogen	GAIGDAKVGGRY, is from C Terminus This antibody is expected to recognize both isoform 1 (NP_005707.1, NP_974197.1 and NP_974199.1) and isoform 2 (NP_974196.1, NP_974198.1 and NP_974223.1).
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 38kDa and strong 23-24kDa bands observed in lysates of cell line HeLa, and approx 24kDa also observed in Human Pancreas, Kidney and Muscle lysates (calculated MW of 36.0kDa according to NP_005707.1, NP_974197.1 and NP_974199.1 and 26
IHC	
Reference	Reference(s): De Vries L, Lou X, Zhao G, Zheng B, Farquhar MG. GIPC, a PDZ domain containing protein, interacts specifically with the C terminus of RGS-GAIP. Proc Natl Acad Sci U S A. 1998 Oct 13;95(21):12340-5..PMID: 9770488 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**