

Goat Anti-GIPC1 / NIP Antibody
Peptide-affinity purified goat antibody
Catalog # AF1479a**Specification**

Goat Anti-GIPC1 / NIP Antibody - Product Information

Application	WB
Primary Accession	O14908
Other Accession	NP_974223 , 10755 , 67903 (mouse) , 83823 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Cow
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	36049

Goat Anti-GIPC1 / NIP Antibody - Additional Information**Gene ID** 10755**Other Names**

PDZ domain-containing protein GIPC1, GAIP C-terminus-interacting protein, RGS-GAIP-interacting protein, RGS19-interacting protein 1, Synectin, Tax interaction protein 2, TIP-2, GIPC1, C19orf3, GIPC, RGS19IP1

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-GIPC1 / NIP Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-GIPC1 / NIP Antibody - Protein Information**Name** GIPC1**Synonyms** C19orf3, GIPC, RGS19IP1**Function**

May be involved in G protein-linked signaling.

Cellular Location

Cytoplasm. Membrane; Peripheral membrane protein

Tissue Location

Widely expressed (PubMed:9770488). Expressed in skeletal muscle (at protein level) (PubMed:32413282)

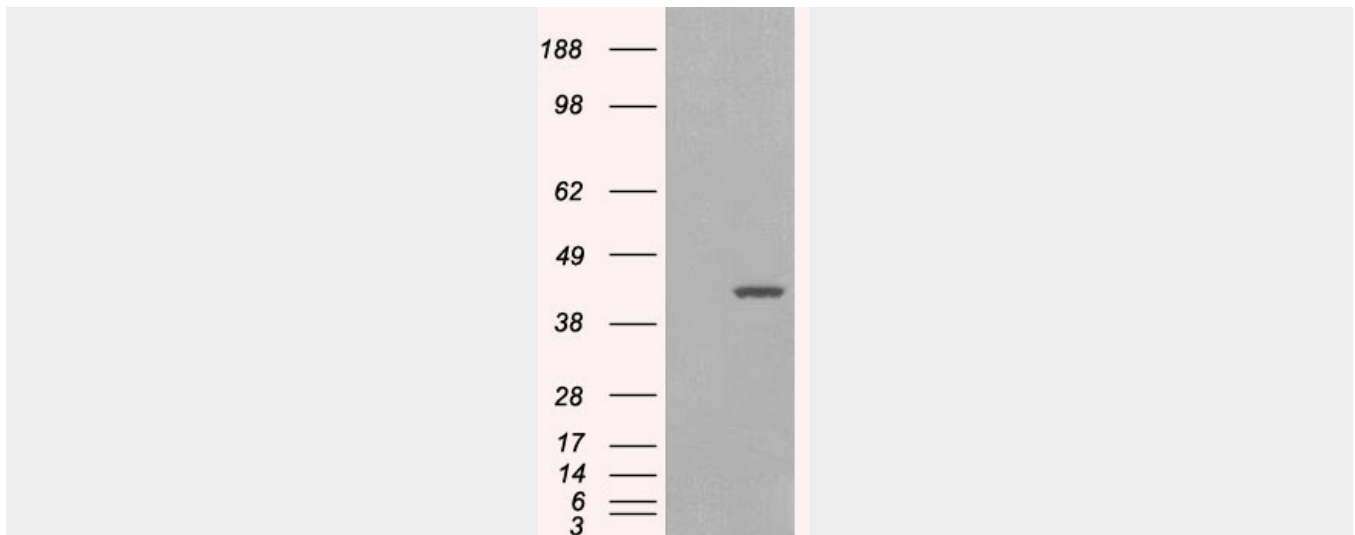
Goat Anti-GIPC1 / NIP Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-GIPC1 / NIP Antibody - Images

AF1479a staining (0.03 µg/ml) of human HeLa cell lysate (RIPA buffer, 35 µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



HEK293 overexpressing GIPC1 isoform 1 (RC216466) and probed with AF1479a (mock transfection in first lane), tested by Origene.

Goat Anti-GIPC1 / NIP Antibody - Background

GIPC1 is a scaffolding protein that regulates cell surface receptor expression and trafficking (Lee et al., 2008 [PubMed 18775991]).

Goat Anti-GIPC1 / NIP Antibody - References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.

Interaction of hepatitis B virus core protein with human GIPC1. Razanskas R, et al. Arch Virol, 2010 Feb. PMID 20091192.

Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121.

Overexpression of myosin VI in prostate cancer cells enhances PSA and VEGF secretion, but has no effect on endocytosis. Puri C, et al. Oncogene, 2010 Jan 14. PMID 19855435.

An essential role for the Glut1 PDZ-binding motif in growth factor regulation of Glut1 degradation and trafficking. Wieman HL, et al. Biochem J, 2009 Mar 1. PMID 19016655.