Datasheet for ABIN7602243

anti-GIPC1 antibody (AA 66-333)

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Overview

Quantity:	100 µg
Target:	GIPC1
Binding Specificity:	AA 66-333
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GIPC1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-GIPC1 Antibody Picoband®
Immunogen:	E.coli-derived human GIPC1 recombinant protein (Position: H66-Y333). Human GIPC1 shares 98.5% amino acid (aa) sequence identity with mouse and rat GIPC1.
Characteristics:	Anti-GIPC1 Antibody Picoband® (ABIN7602243). Tested in WB, IHC, ICC/IF, Flow Cytometry, ELISA applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	GIPC1
Alternative Name:	GIPC1 (GIPC1 Products)
Background:	GIPC PDZ domain containing family, member 1 (GIPC1) is a protein that in humans is encoded by the GIPC1 gene. GIPC1 is a scaffolding protein that regulates cell surface receptor expression and trafficking.
Molecular Weight:	40 kDa
Gene ID:	10755
UniProt:	O14908
Pathways:	Dicarboxylic Acid Transport

Application Details

Application Notes:	Western blot, 0.1-0.25 µg/mL, Human, Mouse, Rat Immunohistochemistry, 2-5 µg/mL, Human, Mouse, Rat Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Bunn, R. C., Jensen, M. A., Reed, B. C. Protein interactions with the glucose transporter binding protein GLUT1CBP that provide a link between GLUT1 and the cytoskeleton. Molec. Biol. Cell 10: 819-832, 1999. 2. Chittenden, T. W., Claes, F., Lanahan, A. A., Autiero, M., Palac, R. T., Tkachenko, E. V., Elfenbein, A., Ruiz de Almodovar, C., Dedkov, E., Tomanek, R., Li, W., Westmore, M., Singh, J., Horowitz, A., Mulligan-Kehoe, M. J., Moodie, K. L., Zhuang, Z. W., Carmeliet, P., Simons, M. Selective regulation of arterial branching morphogenesis by synectin. Dev. Cell 10: 783-795, 2006. 3. De Vries, L., Lou, X., Zhao, G., Zheng, B., Farquhar, M. G. GIPC, a PDZ domain containing protein, interacts specifically with the C terminus of RGS-GAIP. Proc. Nat. Acad. Sci. 95: 12340-12345, 1998.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL

Handling

Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.