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GIPC-2 Rabbit pAb

Catalog # AP97424

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q8TF65
Other Accession	Q8TF65
Reactivity	Rat
Predicted	Pig, Human, Mouse, Rabbit, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34354
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GIPC2
Epitope Specificity	201-300/315
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 PDZ (DHR) domain.
SUBUNIT	Probably interacts with SEMA5A (By similarity). .
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	GIPC2 is a 315 amino acid protein that localizes to the cytoplasm and contains one PDZ domain. Expressed at high levels in kidney and colon and at lower levels in adult liver, GIPC2 interacts with SEMA5A and is thought to function as a scaffold protein, possibly modulating cell adhesion and growth factor signaling and playing a role in tumorigenesis. The gene encoding GIPC2 maps to human chromosome 1, which spans 260 million base pairs, contains over 3,000 genes and comprises nearly 8% of the human genome.

Additional Information

Gene ID	54810
Other Names	SEMCAP-2; SEMCAP2; 2200002N01Rik; GIPC2_HUMAN; GIPC2; GIPC2_MOUSE; SemaF cytoplasmic domain-associated protein 2 (SEMCAP-2); GIPC2_RAT; GIPC PDZ domain containing family member 2; GIPC PDZ domain containing family, member 2; semaphorin cytoplasmic domain associated protein 2
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	GIPC2
Cellular Location	Cytoplasm.
Tissue Location	Expressed at highest levels in ascending colon and at moderate levels in adult kidney. Expressed at low levels in adult pancreas and at very low levels in adult liver. Expression is down- regulated in several primary tumors, such as kidney, colon and rectal tumors.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.