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Datasheet for ABIN5003488

anti-GIPC2 antibody (AA 201-300) (Alexa Fluor 750)

Overview

Quantity:	100 µL
Target:	GIPC2
Binding Specificity:	AA 201-300
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GIPC2 antibody is conjugated to Alexa Fluor 750
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GIPC2
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	GIPC2
Alternative Name:	GIPC-2 (GIPC2 Products)

Target Details

Background: Synonyms: GIPC 2, GIPC-2 GIPC PDZ domain containing family, member 2, GIPC2, GIPC2_HUMAN, Likely ortholog of mouse semaF cytoplasmic domain associated protein 2, PDZ domain protein GIPC2, PDZ domain-containing protein GIPC2, SemaF cytoplasmic domain associated protein 2, Semaphorin cytoplasmic domain associated protein 2, SEMCAP 2, SEMCAP2.

Background: 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.

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

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

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months