Immunotag™ RHG17 Antibody

Antibody Specification

Catalog No.	ITA5304
Product Description	Immunotag™ RHG17 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	RHG17
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:500~1:1000, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	RHG17 Antibody detects endogenous levels of total RHG17
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	ARHGAP17
Accession No.	Q68EM7
Alternate Names	MST066; MST110; MSTP038; MSTP066; MSTP110; NADRIN; Neuron associated developmentally regulated protein; PP367; PP4534; Rho GTPase activating protein 17; Rho type GTPase activating protein 17; RhoGAP interacting with CIP4 homologs 1; RhoGAP interacting with CIP4 homologs protein 1; RICH 1; RICH1; RICH1B; WBP15;

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Description	Rho GTPase-activating protein involved in the maintenance of tight junction by regulating the activity of CDC42, thereby playing a central role in apical polarity of epithelial cells. Specifically acts as a GTPase activator for the CDC42 GTPase by converting it to an inactive GDP-bound state. The complex formed with AMOT acts by regulating the uptake of polarity proteins at tight junctions, possibly by deciding whether tight junction transmembrane proteins are recycled back to the plasma membrane or sent elsewhere. Participates in the Ca2+-dependent regulation of exocytosis, possibly by catalyzing GTPase activity of Rho family proteins and by inducing the reorganization of the cortical actin filaments. Acts as a GTPase activator in vitro for RAC1.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	100 KD
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.

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