

Immunotag™ RHG04 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN1218
Product Description	Immunotag™ RHG04 Polyclonal Antibody
Size	50 µg, 100 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	RHG04
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein . at AA range: 180-260
Specificity	RHG04 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	ARHGAP4 KIAA0131 RGC1 RHOGAP4
Accession No.	P98171

## Antibody Specification

Description	Rho GTPase activating protein 4 (ARHGAP4) Homo sapiens This gene encodes a member of the rhoGAP family of proteins which play a role in the regulation of small GTP-binding proteins belonging to the RAS superfamily. The protein encoded by the orthologous gene in rat is localized to the Golgi complex and can redistribute to microtubules. The rat protein stimulates the activity of some Rho GTPases in vitro. Genomic deletions of this gene and a neighboring gene have been found in patients with nephrogenic diabetes insipidus. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009],
Protein Expression	Bone marrow, Embryo, Pancreas, Primary B-Cells,
Subcellular Localization	cytoplasm, Golgi apparatus, cytosol, microtubule, growth cone,
Protein Function	function: Inhibitory effect on stress fiber organization. May down-regulate Rho-like GTPase in hematopoietic cells., similarity: Contains 1 FCH domain., similarity: Contains 1 Rho-GAP domain., similarity: Contains 1 SH3 domain., subcellular location: Just below the plasma membrane., tissue specificity: Predominantly in hematopoietic cells (spleen, thymus and leukocytes); low levels in placenta, lung and various fetal tissues.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.