G-Biosciences Image not found or type unknown

Immunotag™ RAB23 Polyclonal Antibody

Antibody Specification

Catalog No.	ITN1172
Product Description	Immunotag™ RAB23 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	RAB23
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: 120-200
Specificity	RAB23 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	RAB23 HSPC137
Accession No.	Q9ULC3 P35288

Antibody Specification

Description	RAB23, member RAS oncogene family(RAB23) Homo sapiens This gene encodes a small GTPase of the Ras superfamily. Rab proteins are involved in the regulation of diverse cellular functions associated with intracellular membrane trafficking, including autophagy and immune response to bacterial infection. The encoded protein may play a role in central nervous system development by antagonizing sonic hedgehog signaling. Disruption of this gene has been implicated in Carpenter syndrome as well as cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013],
Cell Pathway/ Category	Hedgehog,
Protein Expression	Brain,Fetal brain,Hair follicle,Umbilical cord blood,Uterus,
Subcellular Localization	intracellular,cytoplasm,autophagosome,plasma membrane,endosome membrane,phagocytic vesicle membrane,phagocytic vesicle,extracellular exosome,
Protein Function	disease:Defects in RAB23 are the cause of Carpenter syndrome [MIM:201000]; also known as acrocephalopolysyndactyly type 2 (ACPS2). Carpenter syndrome is characterized by craniosynostosis, polysyndactyly, obesity, and cardiac defects. Inheritance is autosomal recessive.,similarity:Belongs to the small GTPase superfamily. Rab family.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.