

Immunotag™ RAP1B Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN2237
Product Description	Immunotag™ RAP1B 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	RAP1B
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,Rat,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein, at AA range: 110-190
Specificity	RAP1B 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	RAP1B OK/SW-cl.11
Accession No.	P61224 Q99JI6 Q62636

Antibody Specification

Description	RAP1B, member of RAS oncogene family(RAP1B) Homo sapiens This gene encodes a member of the RAS-like small GTP-binding protein superfamily. Members of this family regulate multiple cellular processes including cell adhesion and growth and differentiation. This protein localizes to cellular membranes and has been shown to regulate integrin-mediated cell signaling. This protein also plays a role in regulating outside-in signaling in platelets. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 3, 5, 6 and 9. [provided by RefSeq, Oct 2011],
Cell Pathway/ Category	MAPK_ERK_Growth,MAPK_G_Protein,Chemokine,Focal adhesion,Leukocyte transendothelial migration,Long-term potentiation,Neurotrophin,Renal cell carcinoma,
Protein Expression	Amygdala,Brain,Chondrosarcoma,Colon adenocarcinoma,Placenta,Platele
Subcellular Localization	intracellular,lipid particle,cytosol,plasma membrane,cell-cell junction,membrane,membrane raft,extracellular exosome,
Protein Function	enzyme regulation:Activated by guanine nucleotide-exchange factor (GEF) EPAC2 in a cAMP-dependent manner.,similarity:Belongs to the small GTPase superfamily. Ras family.,subcellular location:May shuttle between plasma membrane and cytosol.,subunit:Interacts with SGSM1, SGSM2 and SGSM3.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.