

Immunotag™ RAB32 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN1176
Product Description	Immunotag™ RAB32 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	RAB32
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,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein . at AA range: 160-240
Specificity	RAB32 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	RAB32
Accession No.	Q13637 Q9CZE3
Description	RAB32, member RAS oncogene family(RAB32) Homo sapiens The protein encoded by this gene anchors the type II regulatory subunit of protein kinase A to the mitochondrion and aids in mitochondrial fission. The encoded protein also appears to be involved in autophagy and melanosome secretion. Variations in this gene may be linked to leprosy. [provided by RefSeq, Dec 2015],
Protein Expression	Brain,Platelet,

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Subcellular Localization	mitochondrion,mitochondrial outer membrane,early endosome,endoplasmic reticulum,trans-Golgi network,membrane,phagocytic vesicle membrane,early endosome lumen,melanosome membrane,melanosome,ER-mitochondrion membrane contact
Protein Function	function:Acts as an A-kinase anchoring protein by binding to the type II regulatory subunit of protein kinase A and anchoring it to the mitochondrion. Also involved in synchronization of mitochondrial fission.,similarity:Belongs to the small GTPase superfamily. Rab family.,tissue specificity:Widely expressed with high levels in heart, liver, kidney, bone marrow, testis, colon and fetal lung.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.