

Product datasheet for **TA358956**

RAB43 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human RAB43
Specificity:	Expected reactivity: Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	23 kDa
Gene Name:	RAB43, member RAS oncogene family
Database Link:	NP_940892.1 Entrez Gene 339122 Human Q86YS6



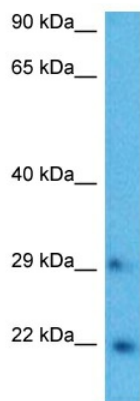
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Background:

The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different set of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion. The low intrinsic GTPase activity of RAB43 is activated by USP6NL. RAB43 is involved in retrograde transport from the endocytic pathway to the Golgi apparatus. Involved in the transport of Shiga toxin from early and recycling endosomes to the trans-Golgi network. Required for the structural integrity of the Golgi complex. It plays a role in the maturation of phagosomes that engulf pathogens, such as *S.aureus* and *M.tuberculosis*.

Synonyms:

ISY1; MGC90481; OTTHUMP00000174306; OTTHUMP00000174307; OTTHUMP00000174308; OTTHUMP00000174309; RAB11B; RAB41

Product images:

Host: Rabbit
Target Name: RAB43
Sample Tissue: OVCAR-3 Cell Lysate
Antibody Dilution: 1.0µg/ml

WB Suggested Anti-RAB43 antibody Titration: 1 ug/mL
Sample Type: Human OVCAR-3 Whole Cell