

Immunotag™ RAB12 Antibody

| Antibody Specification | |
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| Catalog No. | ITA3113 |
| Product Description | Immunotag™ RAB12 Antibody |
| Size | 100 µg, 200 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 | RAB12 |
| Clonality | Polyclonal |
| Storage/Stability | -20°C/1 year |
| Application | WB,IHC |
| Recommended Dilution | WB 1:500-1:2000, IHC 1:50-1:200 |
| Concentration | 1 mg/ml |
| Reactive Species | Human |
| Host Species | Rabbit |
| Immunogen | A synthesized peptide derived from human RAB12. |
| Specificity | RAB12 antibody detects endogenous levels of RAB12. |
| Purification | The antiserum was purified by peptide affinity chromatography. |
| Form | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt |
| Gene Name | RAB12 |
| Accession No. | Q6IQ22 |
| Alternate Names | Putative Ras related protein Rab 12; RAB12; RAB12, member RAS oncogene family; RAB12_HUMAN; Ras-related protein Rab-12; |

Antibody Specification

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| Description | 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. That Rab may play a role in protein transport from recycling endosomes to lysosomes regulating, for instance, the degradation of the transferrin receptor. Involved in autophagy (By similarity). |
| Cell Pathway/ Category | Primary Polyclonal Antibody |
| Protein MW | 28 kDa |
| Usage | For Research Use Only! Not for diagnostic or therapeutic procedures. |