

Immunotag™ SAR1A Polyclonal Antibody

| Antibody Specification |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| Catalog No.            | ITN0749                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Product Description    | Immunotag™ SAR1A 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         | SAR1A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 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 part region of human protein                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Specificity            | SAR1A 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              | SAR1A SAR1 SARA SARA1                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Accession No.          | Q9NR31 P36536                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Description            | function:Involved in transport from the endoplasmic reticulum to the Golgi apparatus (By similarity). Required to maintain SEC16A localization at discrete locations on the ER membrane perhaps by preventing its dissociation. SAR1A-GTP-dependent assembly of SEC16A on the ER membrane forms an organized scaffold defining endoplasmic reticulum exit sites (ERES).,similarity:Belongs to the small GTPase superfamily.,similarity:Belongs to the small GTPase superfamily. SAR1 family., |
| Protein Expression     | Bone marrow,Kidney,Lung,Skin,                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## Antibody Specification

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| Subcellular Localization | intracellular,endoplasmic reticulum,Golgi apparatus,extracellular exosome,                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Protein Function         | function:Involved in transport from the endoplasmic reticulum to the Golgi apparatus (By similarity). Required to maintain SEC16A localization at discrete locations on the ER membrane perhaps by preventing its dissociation. SAR1A-GTP-dependent assembly of SEC16A on the ER membrane forms an organized scaffold defining endoplasmic reticulum exit sites (ERES).,similarity:Belongs to the small GTPase superfamily.,similarity:Belongs to the small GTPase superfamily. SAR1 family., |
| Usage                    | For Research Use Only! Not for diagnostic or therapeutic procedures.                                                                                                                                                                                                                                                                                                                                                                                                                          |