

Immunotag™ RAP1A Antibody

| Antibody Specification | |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No. | ITA6241 |
| Product Description | Immunotag™ RAP1A 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 | RAP1A |
| Clonality | Polyclonal |
| Storage/Stability | -20°C/1 year |
| Application | WB,IHC,ELISA |
| Recommended Dilution | WB 1:500-1:2000 IHC 1:50-1:200 |
| Concentration | 1 mg/ml |
| Reactive Species | Human,Mouse,Rat |
| Host Species | Rabbit |
| Immunogen | A synthesized peptide derived from human RAP1A |
| Specificity | RAP1A Antibody detects endogenous levels of total RAP1A |
| 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 | RAP1A |
| Accession No. | P62834 |
| Alternate Names | C21KG; G 22K; G-22K; GTP binding protein smg p21A; GTP-binding protein smg p21A; KREV 1; KREV1; OTTHUMP00000013741; RAP 1A; RAP1; RAP1A; RAP1A member of RAS oncogene family; RAP1A_HUMAN; Ras related protein Krev 1; Ras related protein Rap 1A; RAS related protein RAP1A; Ras-related protein Krev-1; Ras-related protein Rap-1A; SMGP21; |

Antibody Specification

| | |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | Induces morphological reversion of a cell line transformed by a Ras oncogene. Counteracts the mitogenic function of Ras, at least partly because it can interact with Ras GAPs and RAF in a competitive manner. Together with ITGB1BP1, regulates KRIT1 localization to microtubules and membranes. Plays a role in nerve growth factor (NGF)-induced neurite outgrowth. Plays a role in the regulation of embryonic blood vessel formation. Involved in the establishment of basal endothelial barrier function. May be involved in the regulation of the vascular endothelial growth factor receptor KDR expression at endothelial cell-cell junctions. |
| Cell Pathway/ Category | Primary Polyclonal Antibody |
| Protein MW | 21kDa |
| Usage | For Research Use Only! Not for diagnostic or therapeutic procedures. |