

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.