

Immunotag™ RAP1 Antibody

Antibody Specification	
Catalog No.	ITA8339
Product Description	Immunotag™ RAP1 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	RAP1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:1000-3000
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human RAP1
Specificity	RAP1 Antibody detects endogenous levels of total RAP1
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	TERF2IP
Accession No.	Q9NYB0

Antibody Specification

Alternate Names	Dopamine receptor interacting protein 5; Dopamine receptor-interacting protein 5; DRIP 5; DRIP5; hRap1; MGC105533; RAP 1; RAP1 homolog; RAP1, yeast, homolog if; RAP1, yeast, homolog of; Repressor/activator protein 1 homolog; TE2IP_HUMAN; Telomeric Repeat Binding Factor 2 Interacting Protein; Telomeric repeat-binding factor 2-interacting protein 1; TERF2-interacting protein; TERF2-interacting telomeric protein 1; TERF2IP; TRF2 Interacting Telomeric Protein RAP1; TRF2 interacting telomeric RAP1 protein; TRF2-interacting telomeric protein 1; TRF2-interacting telomeric protein;
Description	Acts both as a regulator of telomere function and as a transcription regulator. Involved in the regulation of telomere length and protection as a component of the shelterin complex (telosome). In contrast to other components of the shelterin complex, it is dispensible for telomere capping and does not participate in the protection of telomeres against non-homologous end-joining (NHEJ)-mediated repair. Instead, it is required to negatively regulate telomere recombination and is essential for repressing homology-directed repair (HDR), which can affect telomere length. Does not bind DNA directly: recruited to telomeric double-stranded 5'-TTAGGG-3' repeats via its interaction with TERF2. Independently of its function in telomeres, also acts as a transcription regulator: recruited to extratelomeric 5'-TTAGGG-3' sites via its association with TERF2 or other factors, and regulates gene expression. When cytoplasmic, associates with the I-kappa-B-kinase (IKK) complex and acts as a regulator of the NF-kappa-B signaling by promoting IKK-mediated phosphorylation of RELA/p65, leading to activate expression of NF-kappa-B target genes.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	44 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.