



RAP1 Monoclonal Antibody

complex (telosome) that is involved in the regulation of telomere length and		
Reactivity Human;Rat;Mouse; Applications WB Gene Name TERF2IP Protein Name Telomeric repeat-binding factor 2-interacting protein 1 Immunogen The antiserum was produced against synthesized peptide derived from human RAP1. AA range:203-252 Specificity RAP1 Monoclonal Antibody detects endogenous levels of RAP1 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse,IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms TERF2IP; DRIP5; RAP1; PP8000; Telomeric repeat-binding factor 2-interacting protein 1; TERF2-interacting telomeric protein 1; TRF2-interacting telomeric protein 1; Dopamine receptor-interacting protein 5; Repressor/activator protein 1 homol Observed Band 55kD Cell Pathway Nucleus . Cytoplasm . Chromosome . Chromosome, telomere . Associates with chromosomes, both at telomeres and in extratelomeric sites. Also exists as a cytoplasmic form, where it associates with the IKK complex . Tissue Specificity Ubiquitous. Highly expressed. Function function:May play a role in telomere length regulation. Component of the shelteric complex (telosome) that is involved in the regulation. Component of the shelteric complex (telosome) that is involved in the regulation of telomere length and protection . Shelterin associates with arrays of double-stranded TAGGG repeats added by telomerase and protectic schromosome ends; without its protective activity, telomeres are no longer hidden from the DNA damage surveillance and	Catalog No	BYmab-02772
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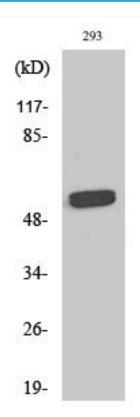


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	pathways.,miscellaneous:Recruited to telomeres by TRF2; seemingly it does not directly bind to DNA itself.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,sequence caution:Translated as Glu.,similarity:Contains 1 BRCT domain.,similarity:Contains 1 Myb-like domain.,subcellular location:Colocalizes with telomeric DNA in interphase and metaphase cells.,subunit:Homodimer. Component of the shelterin complex (telosome) composed of TERF1, TE
Background	The gene encodes a protein that is part of a complex involved in telomere length regulation. Pseudogenes are present on chromosomes 5 and 22. [provided by RefSeq, Apr 2010],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using RAP1 Monoclonal Antibody

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