

	<h1>RAP1A Rabbit pAb</h1>	E 2 5 0 0 9 7 5
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<b>Swiss-Prot No.:</b>	P62834
<b>Altername:</b>	RAP1A
<b>Storage/Stability:</b>	Store at -20°C. Avoid freeze / thaw cycles.
<b>Immunogen:</b>	A synthetic peptide corresponding to a sequence within amino acids 50-150 of human RAP1A (NP_002875.1).
<b>Purification:</b>	Affinity purified
<b>Reactivity:</b>	Human,Mouse,Rat
<b>Other Names:</b>	RAP1; C21KG; G-22K; KREV1; KREV-1; SMGP21
<b>Cellular localization:</b>	Cell junction, Cell membrane, Cytoplasm, Endosome, Membrane
<b>Relevance:</b>	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.

**For Research Use Only**

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<b>Source:</b>	Rabbit
<b>Antibody type:</b>	Polyclonal antibody
<b>Isotype:</b>	Rabbit IgG
<b>Molecular Weight:</b>	21kDa
<b>Preservative:</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Recommended Dilutions:</b>	WB 1:500 - 1:2000 (Optimal dilutions should be determined by the end user)