

RAP1A Antibody HRP Conjugated

Catalog No: #C03021H

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Description

Product Name	RAP1A Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P IHC-F
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 140-189 189 derived from human RAP1A
Conjugates	HRP
Target Name	RAP1A
Other Names	RAP1; C21KG; G-22K; KREV1; KREV-1; SMGP21; Ras-related protein Rap-1A; GTP-binding protein smg p21A; Ras-related protein Krev-1; RAP1A
Accession No.	Swiss-Prot#P62834NCBI Gene ID5906
Uniprot	P62834
GeneID	5906;
Excitation Emission	N A
Cell Localization	Cytoplasm, Cell membrane
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

WB=1:500-2000 IHC-P=1:50-200 IHC-F=1:50-200

Background

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.

Note: This product is for in vitro research use only