

RAP1A Rabbit pAb

CatalogNo: YN2181

Key Features

Host Species

- Rabbit

Reactivity

- Human,Rat,Mouse

Applications

- WB,ELISA

MW

- 20kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage*

-15°C to -25°C/1 year(Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from part region of human protein

Specificity

RAP1A Polyclonal Antibody detects endogenous levels of protein.

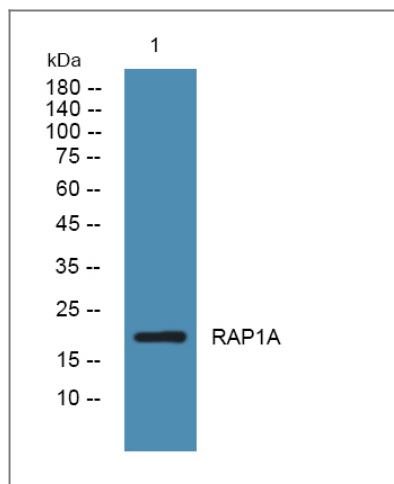
Target Information

Gene name

RAP1A KREV1

Protein Name	Ras-related protein Rap-1A (C21KG) (G-22K) (GTP-binding protein smg p21A) (Ras-related protein Krev-1)		
	Organism	Gene ID	UniProt ID
	Human	5906;	P62834;
	Mouse		P62835;
	Rat		P62836;
Cellular Localization	Cell membrane ; Lipid-anchor . Cytoplasm . Cytoplasm, perinuclear region . Cell junction . Early endosome . Recruited from early endosome to late endosome compartment after nerve growth factor (NGF) stimulation. Localized with RAPGEF2 at cell-cell junctions (By similarity). Colocalized with RAPGEF2 in the perinuclear region. .		
Tissue specificity	Brain,Platelet,Skin,Uterus,		
Function	enzyme regulation:Activated by guanine nucleotide-exchange factors (GEF) EPAC and EPAC2 in a cAMP-dependent manner, and GFR.,Function: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.,similarity:Belongs to the small GTPase superfamily. Ras family.,subunit:In its GTP-bound form interacts with PLCE1 and RADIL. Interacts with SGSM1, SGSM2 and SGSM3.,		

Validation Data



Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4° over night

Contact information

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