



Rab 5A (ANT0009R) Rabbit mAb

CatalogNo: ANT8182 **Recombinant** 

Formulation: PBS,50%glycerol,0.05%Proclin 300,0.05%BSA
Quantity : 100 ug/vial

Host Species

- Rabbit
- Human,Mouse,Rat,

Reactivity

- WB,IHC,IF,IP,ELISA

Applications

MW

- 24kD (Calculated)
 - IgG,Kappa
- 24kD (Observed)

Isotype

Recommended Dilution Ratios

IHC 1:1000-1:4000

WB 1:1000-1:5000

IF 1:200-1:1000

ELISA 1:5000-1:20000

IP 1:50-1:200,

Storage

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

Basic Information

Clonality Monoclonal

Clone Number ANT0009R

Immunogen Information

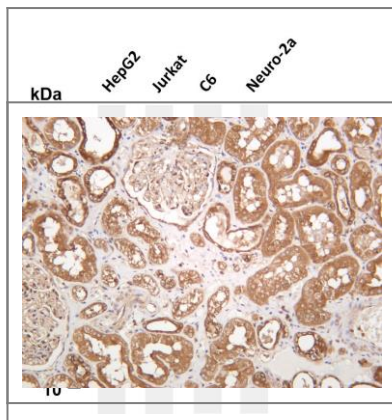
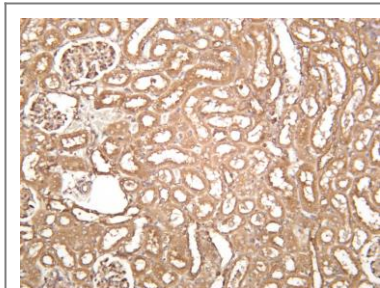
Sequence	Ras-related protein Rab-5A
Specificity	Endogenous

Target Information

Gene name	>>Ras signaling pathway;>>Endocytosis;>>Phagosome;>>Vasopressin-regulated water reabsorption;>>Amyotrophic lateral sclerosis;>>Pathways of neurodegeneration - multiple diseases;>>Salmonella infection;>>Amoebiasis;>>Tuberculosis		
Protein Name	RAB5A		
	Organism	Gene ID	UniProt ID
	Human	5868;	P20339;
	Mouse	271457;	Q9CQD1;
Cellular Localization	Cytoplasm, Membrane		
Tissue specificity	Brain,Cervix,Cervix carcinoma,Placenta,		
Function	enzyme regulation:Regulated by guanine nucleotide exchange factors (GEFs) which promote the exchange of bound GDP for free GTP.,Function:Required for the fusion of plasma membranes and early endosomes.,similarity:Belongs to the small GTPase superfamily. Rab family.,subcellular location:Enriched in stage I melanosomes.,subunit:Binds EEA1. Interacts with RIN1 and GAPVD1, which regulate its pathway, probably by acting as a GEF. Interacts with ALS2CL, UNC84B, ZFYVE20 and RUFY1. Interacts with SGSM1 and SGSM3.,		

Validation Data

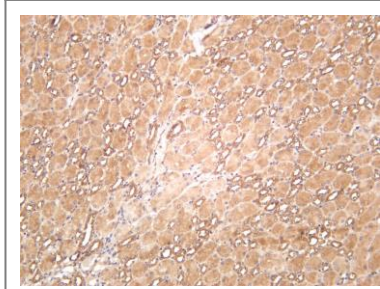
Rat kidney was stained with anti-Rab 5A (ANT0009R) rabbit antibody



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Rab 5A (ANT0009R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HepG2 Lane 2: Jurkat Lane 3: C6 Lane 4: Neuro-2a

Predicted band size: 24kDa Observed band size: 24kDa

Human kidney was stained with anti-Rab 5A (ANT0009R) rabbit antibody



Mouse kidney was stained with anti-Rab 5A (ANT0009R) rabbit antibody

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