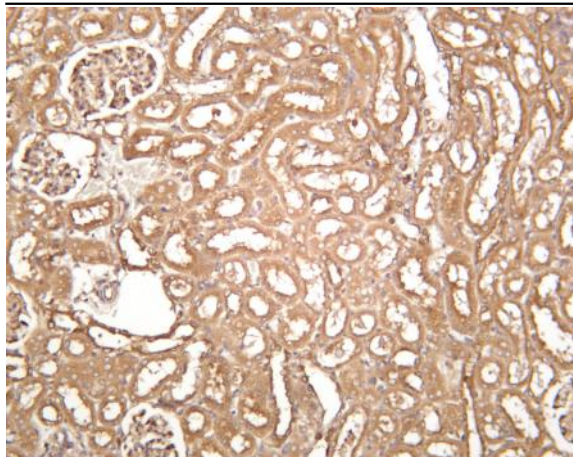


Rab 5A (PT0309R) PT® Rabbit mAb

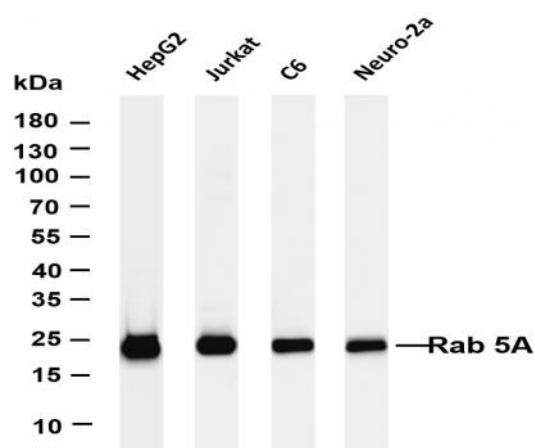
Catalog No :	YM8182
Reactivity :	Human; Mouse; Rat;
Applications :	WB;IHC;IF;IP;ELISA
Gene Name :	>>Ras signaling pathway;>>Endocytosis;>>Phagosome;>>Vasopressin-regulated water reabsorption;>>Amyotrophic lateral sclerosis;>>Pathways of neurodegeneration - multiple diseases;>>Salmonella infection;>>Amoebiasis;>>Tuberculosis
Protein Name :	RAB5A
Sequence :	Ras-related protein Rab-5A
Human Gene Id :	5868
Human Swiss Prot No :	P20339
Mouse Gene Id :	271457
Mouse Swiss Prot No :	Q9CQD1
Specificity :	endogenous
Formulation :	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source :	Monoclonal, rabbit, IgG, Kappa
Dilution :	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,
Purification :	Protein A
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	24kD

Observed Band :	24kD
Cell Pathway :	Endocytosis;Amyotrophic lateral sclerosis (ALS);
Background :	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.,
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.,
Subcellular Location :	Cytoplasm, Membrane
Expression :	Brain,Cervix,Cervix carcinoma,Placenta,
Tag :	hot,recombinant
Sort :	13231
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

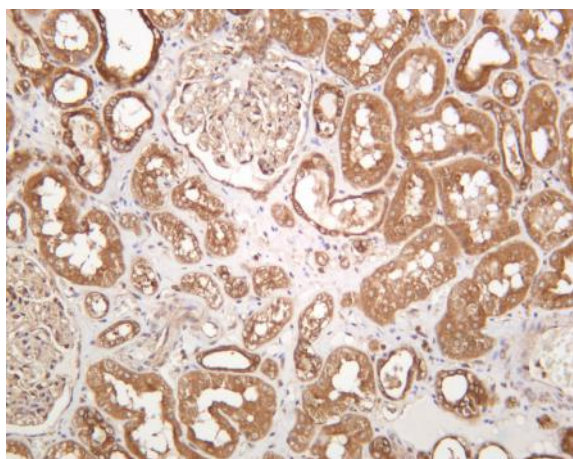
Products Images



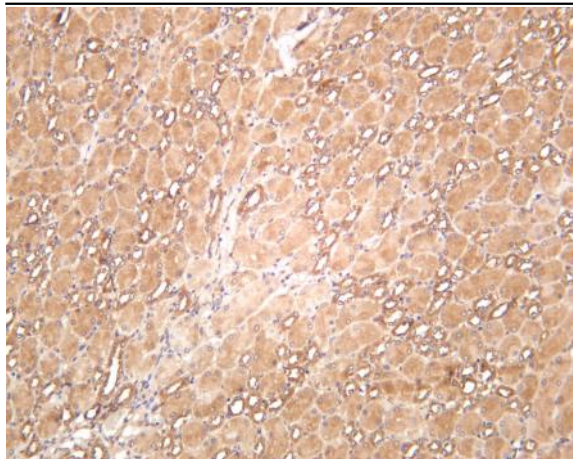
Rat kidney was stained with anti-Rab 5A (PT0309R) rabbit antibody



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Rab 5A (PT0309R) antibody. The HRP-conjugated 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 (PT0309R) rabbit antibody



Mouse kidney was stained with anti-Rab 5A (PT0309R) rabbit antibody