

**TUBA1B (PT0200R) PT® Rabbit mAb**

<b>Catalog No :</b>	YM8126
<b>Reactivity :</b>	Human; Mouse; Rat;
<b>Applications :</b>	WB;IHC;IF;IP;ELISA
<b>Target :</b>	Tubulin $\alpha$
<b>Fields :</b>	>>Phagosome;>>Apoptosis;>>Tight junction;>>Gap junction;>>Alzheimer disease;>>Parkinson disease;>>Amyotrophic lateral sclerosis;>>Huntington disease;>>Prion disease;>>Pathways of neurodegeneration - multiple diseases;>>Pathogenic Escherichia coli infection;>>Salmonella infection
<b>Gene Name :</b>	TUBA1B
<b>Protein Name :</b>	Tubulin alpha-1B chain (Alpha-tubulin ubiquitous) (Tubulin K-alpha-1) (Tubulin alpha-ubiquitous chain)
<b>Human Gene Id :</b>	7277
<b>Human Swiss Prot No :</b>	P68363
<b>Mouse Swiss Prot No :</b>	P05213
<b>Rat Swiss Prot No :</b>	Q6P9V9
<b>Specificity :</b>	endogenous
<b>Formulation :</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
<b>Source :</b>	Monoclonal, rabbit, IgG, Kappa
<b>Dilution :</b>	IHC 1:200-1:1000,WB 1:1000-1:5000,IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200,
<b>Purification :</b>	Protein A
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

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**Molecularweight :** 50kD

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**Observed Band :** 50kD

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**Cell Pathway :** Gap junction;Pathogenic Escherichia coli infection;

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**Background :** function:Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha-chain.,PTM:Undergoes a tyrosination/detyrosination cycle, the cyclic removal and re-addition of a C-terminal tyrosine residue by the enzymes tubulin tyrosine carboxypeptidase (TTCP) and tubulin tyrosine ligase (TTL), respectively.,similarity:Belongs to the tubulin family.,subunit:Dimer of alpha and beta chains.,

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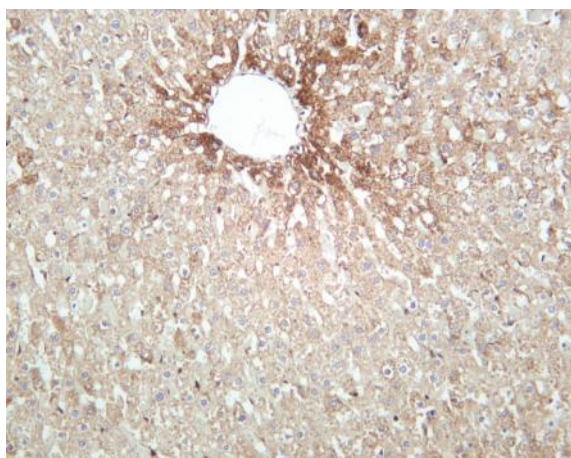
**Subcellular Location :** Cytoplasm

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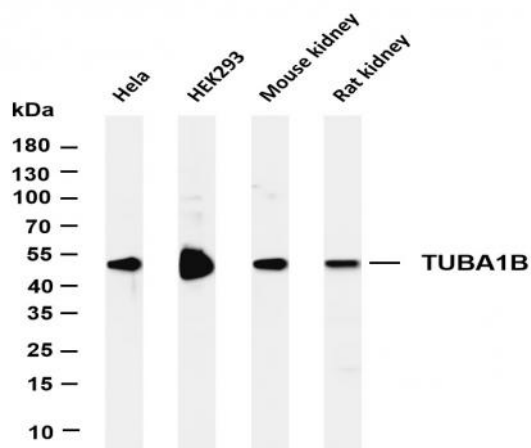
**Expression :** Brain,Cajal-Retzius cell,Colon,Embryonic kidney,Eye,Fetal brain cortex,Keratinocyte

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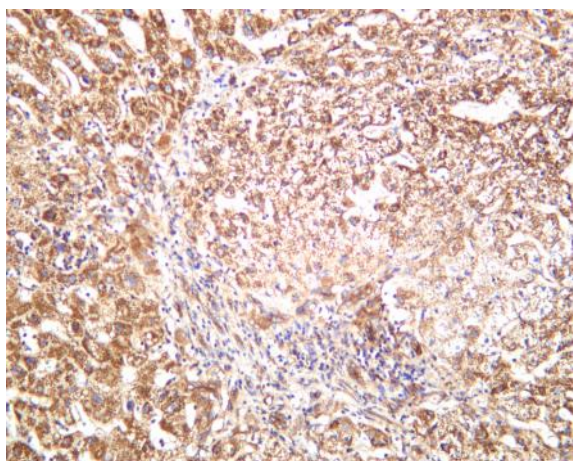
## Products Images



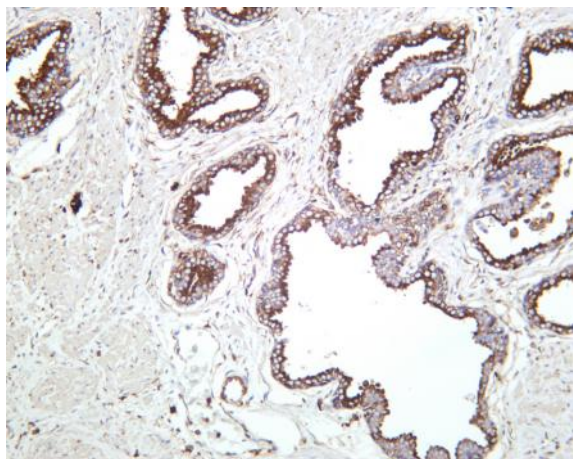
Rat liver was stained with anti-TUBA1B (PT0200R) rabbit antibody



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-TUBA1B (PT0200R) antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HeLa Lane 2: HEK293 Lane 3: Mouse kidney Lane 4: Rat kidney Predicted band size: 50kDa Observed band size: 50kDa



Human liver was stained with anti-TUBA1B (PT0200R) rabbit antibody



Human prostate was stained with anti-TUBA1B (PT0200R) rabbit antibody