

**Tubulin  $\beta$  (Acetyl Lys379) rabbit pAb**

<b>Catalog No :</b>	YK0178
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	Tubulin $\beta$
<b>Fields :</b>	>>Phagosome;>>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>	TUBB2A TUBB2
<b>Protein Name :</b>	Tubulin $\beta$ (Acetyl Lys379)
<b>Human Gene Id :</b>	7280
<b>Human Swiss Prot No :</b>	Q13885/Q9BVA1/Q13509/P04350/P68371/P07437/Q9BUF5/
<b>Mouse Gene Id :</b>	22151
<b>Mouse Swiss Prot No :</b>	Q7TMM9
<b>Rat Gene Id :</b>	498736
<b>Rat Swiss Prot No :</b>	P85108
<b>Immunogen :</b>	Synthesized peptide derived from human Tubulin $\beta$ (Acetyl Lys379)
<b>Specificity :</b>	This antibody detects endogenous levels of Human,Mouse,Rat Tubulin $\beta$ (Acetyl Lys379)
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG

---

<b>Dilution :</b>	<u>WB 1:1000-2000 ELISA 1:5000-20000</u>
<b>Purification :</b>	<u>The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.</u>
<b>Concentration :</b>	<u>1 mg/ml</u>
<b>Storage Stability :</b>	<u>-15°C to -25°C/1 year(Do not lower than -25°C)</u>
<b>Observed Band :</b>	<u>50kD</u>
<b>Background :</b>	<u>Microtubules, key participants in processes such as mitosis and intracellular transport, are composed of heterodimers of alpha- and beta-tubulins. The protein encoded by this gene is a beta-tubulin. Defects in this gene are associated with complex cortical dysplasia with other brain malformations-5. Two transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2015],</u>
<b>Function :</b>	<u>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.,similarity:Belongs to the tubulin family.,subunit:Dimer of alpha and beta chains.,</u>
<b>Subcellular Location :</b>	<u>Cytoplasm, cytoskeleton .</u>
<b>Expression :</b>	<u>High expression in brain, where it represents 30% of all beta-tubulins.</u>

## Products Images