

Tubulin β (Acetyl Lys379) rabbit pAb

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

Dilution :	WB 1:1000-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15 °C to -25 °C/1 year(Do not lower than -25 °C)
Observed Band :	50kD
Background :	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],
Function :	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.,
Subcellular Location :	Cytoplasm, cytoskeleton .
Expression :	High expression in brain, where it represents 30% of all beta-tubulins.

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