



β II Tubulin Polyclonal Antibody

E20-53247**Catalog Number:**E20-53247**Amount:**100ul**Applications:**WB;IF**Reactivity:**Human;Mouse;Rat**Target:**Tubulin β II

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**Protein Name:**Tubulin beta-2A chain**Human Gene Id:**7280**Human Swiss Prot No:**Q13885**Mouse Gene Id:**22151**Mouse Swiss Prot No:**Q7TMM9**Rat Gene Id:**498736**Rat Swiss Prot No:**P85108**Immunogen:**Synthetic Peptide of β II Tubulin AA range: 80-130**Specificity:**The antibody detects endogenous β II tubulin protein.**Formulation:**PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.**Source:**Polyclonal, Rabbit,IgG**Dilution:**WB 1:500-2000; IF ICC 1:100-500

Purification:The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Storage Stability:-15°C to -25°C/1 year(Do not lower than -25°C)**Other Name:**Tubulin beta-2A chain**Observed Band(KD):**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]

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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.

