

β Tubulin rabbit pAb

Cat No.: ES20589

For research use only

Overview

Product Name β Tubulin rabbit pAb

Host species Rabbit Applications WB

Species Cross-Reactivity Human; Mouse; Rat Recommended dilutions WB: 1:2000-5000

Immunogen Recombinant Protein of Tubulin beta

SpecificityThe antibody detects endogenous β tubulin protein.FormulationLiquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Tubulin beta-3 chain

Gene Name TUBB3

Cellular localization Cytoplasm, cytoskeleton . Cell projection, growth

cone . Cell projection, lamellipodium . Cell

projection, filopodium.

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal

Concentration

Observed band 55kD Human Gene ID 10381 Human Swiss-Prot Number Q13509

Alternative Names TUBB3; TUBB4; Tubulin beta-3 chain; Tubulin beta-4

chain; Tubulin beta-III

Background tubulin beta 3 class III(TUBB3) Homo sapiens

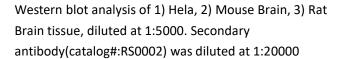
This gene encodes a class III member of the beta tubulin protein family. Beta tubulins are one of two core protein families (alpha and beta tubulins) that heterodimerize and assemble to form microtubules. This protein is primarily expressed in neurons and may be involved in neurogenesis and axon guidance and maintenance. Mutations in this gene are the

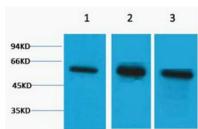


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cause of congenital fibrosis of the extraocular muscles type 3. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 6. [provided by RefSeq, Oct 2010],





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