



β III Tubulin rabbit pAb

Cat No.:ES20590

For research use only

Overview

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|---------------------------------|---|
| Product Name | β III Tubulin rabbit pAb |
| Host species | Rabbit |
| Applications | WB |
| Species Cross-Reactivity | Human;Mouse;Rat |
| Recommended dilutions | WB: 1:2000-5000 |
| Immunogen | Synthetic Peptide of β III Tubulin AA range: 134-184 |
| Specificity | The antibody detects endogenous β III tubulin protein. |
| Formulation | Liquid 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 | 50kD |
| 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 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],

Western blot analysis of 1) HeLa, 2) Mouse Brain, 3) Rat Brain tissue, diluted at 1:5000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

