

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
Specificity	The antibody detects endogenous β 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	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





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

