

Tubulin beta-3(12Z6)

Rabbit Monoclonal Antibody



产品详情

产品货号	产品名称	储存条件	保质期
IM12061	Tubulin beta-3(12Z6)Rabbit Monoclonal Antibody	-15℃to-25℃	1 年

产品详情:

产品货号	IM12061
别名	TUBB3;TUBB4;Tubulin beta-3 chain;Tubulin beta-4 chain;Tubulin beta-III
产品名称	Tubulin beta-3(12Z6)Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	TUBB3
蛋白名称	Tubulin beta-3 chain
推荐应用	WB, ELISA
反应种属	Human, Mouse (predicted:Rat)
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	10381
Human Swissprot No.	Q13509
Mouse Gene ID	22152
Mouse Swissprot No.	Q9ERD7

Rat Gene ID	246118
Rat Swissprot No.	Q4QRB4
免疫原	Synthesized peptide derived from human protein. AA range:400-450
特异性	endogenous
稀释度	WB 1:500-2000, ELISA 1:20000
参考分子量	50kDa
预测分子量	50kDa
运输及保存条件	-15℃to-25℃/1 year (Do not lower than -25℃)
宿主	Monoclonal Rabbit IgG1, Kappa
背景介绍	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]
细胞定位	Cytoplasm, cytoskeleton. Cell projection, growth cone. Cell projection, lamellipodium. Cell projection, filopodium.
表达	Expression is primarily restricted to central and peripheral nervous system. Greatly increased expression in most cancerous tissues.

功能	<p>domain:The highly acidic C-terminal region may bind cations such as calcium.</p> <p>function:Receptor for MSH(alpha,beta and gamma)and ACTH.</p> <p>The activity of this receptor is mediated by G proteins which activate adenylate cyclase.</p> <p>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.</p> <p>polymorphism:Genetic variations in MC1R are associated with variation in skin/hair/eye pigmentation type 2 (SHEP2) [MIM:266300]. Hair, eye and skin pigmentation are among the most visible examples of human phenotypic variation, with a broad normal range that is subject to substantial geographic stratification. In the case of skin, individuals tend to have lighter pigmentation with increasing distance from the equator.</p>
纯化	Protein A

注意事项:

1. 本产品仅供科研使用。请勿用于医药、临床诊断或治疗，食品及化妆品等用途。请勿存放于普通住宅区。
2. 为了您的安全和健康，请穿好实验服并佩戴一次性手套和口罩操作。
3. 实验结果可由多种因素影响，相关处理只限于产品本身，不涉及其他赔偿。

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