

beta IV Tubulin Rabbit pAb

Catalog # AP53545

Product Information

Primary Accession	P04350
Host	Rabbit
Clonality	Polyclonal Antibody
Calculated MW	49586

Additional Information

Gene ID	10382
Other Names	DYT4; TUBB4; beta-5
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

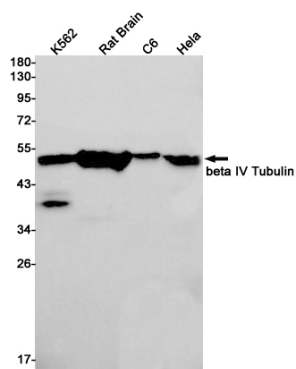
Protein Information

Name	TUBB4A
Synonyms	TUBB4, TUBB5
Function	Tubulin is the major constituent of microtubules, a cylinder consisting of laterally associated linear protofilaments composed of alpha- and beta-tubulin heterodimers. Microtubules grow by the addition of GTP-tubulin dimers to the microtubule end, where a stabilizing cap forms. Below the cap, tubulin dimers are in GDP-bound state, owing to GTPase activity of alpha-tubulin.
Cellular Location	Cytoplasm, cytoskeleton.
Tissue Location	Major isotype in brain, where it represents 46% of all beta-tubulins. In the brain, highest expression levels in the cerebellum, followed by putamen and white matter. Moderate levels in testis. Very low levels, if any, in other tissues

Background

Swiss-Prot Acc.P04350.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.RegionsFeature keyPosition(s)Description

Images



Western blot detection of beta IV Tubulin in K562,Rat Brain,C6,Hela cell lysates using beta IV Tubulin Rabbit pAb(1:1000 diluted).Predicted band size:50kDa.Observed band size:50kDa.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.