

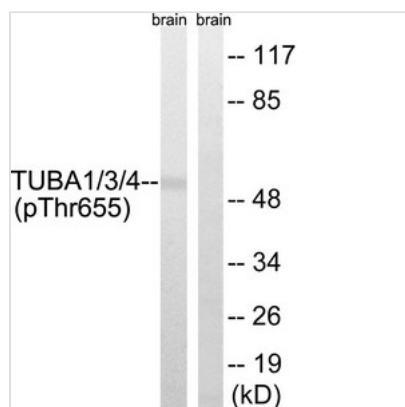


Phospho-TUBA1A/TUBA1B/TUBA1C/TUBA3C/TUBA3E/TUBA4A (Tyr272) Antibody

Product Code	CSB-PA289123
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q71U36
Immunogen	Peptide sequence around phosphorylation site of tyrosine 272 (A-T-Y(p)-A-P) derived from Human TUBA1/3/4.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous levels of TUBA1/3/4 only when phosphorylated at tyrosine 272.
Tested Applications	ELISA,WB;WB:1:500-1:1000
Relevance	Microtubules of the eukaryotic cytoskeleton perform essential and diverse functions and are composed of a heterodimer of alpha and beta tubulins. The genes encoding these microtubule constituents belong to the tubulin superfamily, which is composed of six distinct families. Genes from the alpha, beta and gamma tubulin families are found in all eukaryotes. The alpha and beta tubulins represent the major components of microtubules, while gamma tubulin plays a critical role in the nucleation of microtubule assembly. There are multiple alpha and beta tubulin genes, which are highly conserved among species. Adler A.J., Bioorg. Med. Chem. 9:1967-1976(2001). Sugano S., Nat. Genet. 36:40-45(2004). Venter J.C., Submitted (JUL-2005).
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Clonality	Polyclonal
Alias	TBA1; TBA1A; TBA4A; TUBA1;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	TUBA1A/TUBA1B/TUBA1C/TUBA3C/TUBA3E



Image



Western blot analysis of extracts from Rat brain cells using TUBA1/3/4 (Phospho-Tyr272) Antibody. The lane on the right is treated with the antigen-specific peptide.

Product Modify

Phospho-Tyr272