

TUBA4A Antibody (C-term)

Catalog_no :	AB1197
Applications :	WB
Reactivity :	H, M, Rat
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:417-446
Specificity :	This TUBA4A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 417-446 amino acids from the C-terminal region of human TUBA4A.
Dilution :	IHC-P,1:25;WB,1:8000;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Tubulin alpha-4A chain, Alpha-tubulin 1, Testis-specific alpha-tubulin, Tubulin H2-alpha, Tubulin alpha-1 chain, TUBA4A, TUBA1
Isotype :	Rabbit Ig
Background :	Microtubules of the eukaryotic cytoskeleton perform essential and diverse functions and are composed of a heterodimer of alpha and beta tubulin. The genes encoding these microtubule constituents are part of 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 and they are highly conserved among and between species. This gene encodes an alpha tubulin that is a highly conserved homolog of a rat testis-specific alpha tubulin.
reference :	Houck, S.A., et al. PLoS ONE 5 (7), E11795 (2010) ; Zhao, J., et al. BMC Med. Genet. 11, 96 (2010) ; Gudbjartsson, D.F., et al. Nat. Genet. 40(5):609-615(2008) Petretti, C., et al. EMBO Rep. 7(4):418-424(2006) Fiore, G., et al. Neurosci. Lett. 394(1)