

Anti-Alpha-tubulin (pY272) Antibody

Catalog # AP54060

Product Information

Application	WB
Primary Accession	Q71U36
Other Accession	P68363 , Q9BQE3 , Q13748 , Q6PEY2 , P68366
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50136

Additional Information

Gene ID	7846
Other Names	TUBA1A; TUBA3; Tubulin alpha-1A chain; Alpha-tubulin 3; Tubulin B-alpha-1; Tubulin alpha-3 chain; TUBA1B; Tubulin alpha-1B chain; Alpha-tubulin ubiquitous; Tubulin K-alpha-1; Tubulin alpha-ubiquitous chain; TUBA1C; TUBA6; Tubulin alpha-1C chain; Alpha-tubulin 6; Tubulin alpha-6 chain; TUBA3C; TUBA2; TUBA3D; Tubulin alpha-3C/D chain; Alpha-tubulin 2; Alpha-tubulin 3C/D; Tubulin alpha-2 chain; TUBA3E; Tubulin alpha-3E chain; Alpha-tubulin 3E; TUBA4A; TUBA1; Tubulin alpha-4A chain; Alpha-tubulin 1; Testis-specific alpha-tubulin; Tubulin H2-alpha; Tubulin alpha-1 chain
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Alpha-tubulin (pY272). The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

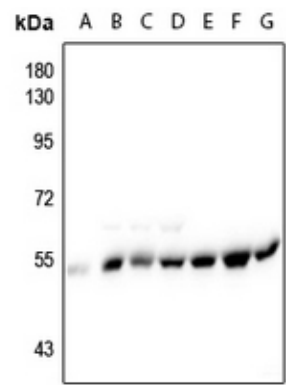
Name	TUBA1A
Synonyms	TUBA3
Function	Tubulin is the major constituent of microtubules, a cylinder consisting of laterally associated linear protofilaments composed of alpha- and beta-tubulin heterodimers. Microtubules grow by the addition of GTP-tubulin dimers to the microtubule end, where a stabilizing cap forms. Below the cap, tubulin dimers are in GDP-bound state, owing to GTPase activity of alpha-tubulin.

Cellular Location	Cytoplasm, cytoskeleton. Cytoplasm, cytoskeleton, flagellum axoneme {ECO:0000250 UniProtKB:P68369}
Tissue Location	Expressed at a high level in fetal brain.

Background

Rabbit polyclonal antibody to Alpha-tubulin (pY272)

Images



Western blot analysis of Alpha-tubulin (pY272) expression in U87MG (A), A375 (B), Hela (C), A2780 (D), EC9706 (E), C6 (F), CT26 (G) whole cell lysates.

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