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Anti-Beta-tubulin Antibody

Catalog # AP53802

Product Information

Application	WB
Primary Accession	Q9H4B7
Other Accession	Q13885, Q9BVA1, P68371, Q13509, Q99867, P04350, P07437, Q9BUF5, Q3ZCM7
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50327

Additional Information

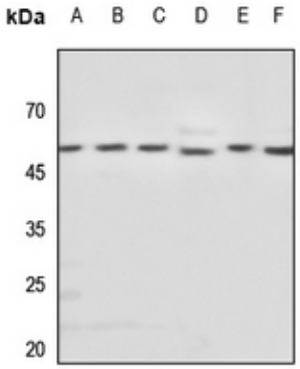
Gene ID	81027
Other Names	TUBB1; Tubulin beta-1 chain; TUBB2A; TUBB2; Tubulin beta-2A chain; TUBB2B; Tubulin beta-2B chain; TUBB4B; TUBB2C; Tubulin beta-4B chain; Tubulin beta-2 chain; Tubulin beta-2C chain; TUBB3; TUBB4; Tubulin beta-3 chain; Tubulin beta-4 chain; Tubulin beta-III; TUBB4A; TUBB4; TUBB5; Tubulin beta-4A chain; Tubulin 5 beta; Tubulin beta-4 chain; TUBB; TUBB5; OK/SW-cl.56; Tubulin beta chain; Tubulin beta-5 chain; TUBB6; Tubulin beta-6 chain; TUBB8; Tubulin beta-8 chain
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Beta-tubulin. 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 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	TUBB1
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	Hematopoietic cell-specific. Major isotype in leukocytes, where it represents 50% of all beta-tubulins

Images



Western blot analysis of Beta-tubulin expression in HEK293T (A), Hela (B), H460 (C), mouse spleen (D), rat lung (E), rat spleen (F) whole cell lysates. (Predicted band size: 49; 50 kD; Observed band size: 50 kD)

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