

Anti-Beta-tubulin Antibody

Catalog # AP53802

Product Information

Application WB
Primary Accession Q9H4B7

Other Accession Q13885, Q9BVA1, P68371, Q13509, Q99867, P04350, P07437, Q9BUF5,

O3ZCM7

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; 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 0.09% (W/V) 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

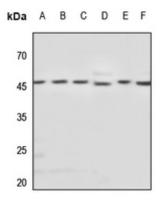
alpha-tubulin.

Cellular Location Cytoplasm, cytoskeleton

Background

Rabbit polyclonal antibody to Beta-tubulin

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.

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