

Anti-Beta-tubulin Antibody

Catalog # ABV11947

Product Information

Application	WB
Primary Accession	Q13885
Reactivity	Human, Mouse, Rat
Host	Rabbit
Isotype	Rabbit IgG
Calculated MW	49907

Additional Information

Gene ID	7280
Positive Control	WB; HeLa, NIH3T3, PC12 cell lysates
Application & Usage	WB; 1:500 – 1:2000
Other Names	TUBB2A; TUBB2; Tubulin beta-2A chain; TUBB2B; Tubulin beta-2B 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; TUBB4B; TUBB2C; Tubulin beta-4B chain; Tubulin beta-2 chain; Tubulin beta-2C chain; TUBB; TUBB5; OK/SW-cl.56; Tubulin beta chain; Tubulin beta-5 chain; TUBB6; Tubulin beta-6 chain
Target/Specificity	TUBB2A
Antibody Form	Liquid
Appearance	Colorless liquid
Handling	The antibody solution should be gently mixed before use
Reconstitution & Storage	-20°C
Background Descriptions	
Precautions	Anti-Beta-tubulin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

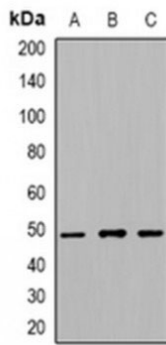
Name	TUBB2A
Synonyms	TUBB2
Function	Tubulin is the major constituent of microtubules, a cylinder consisting of laterally associated linear protofilaments composed of alpha- and beta-tubulin heterodimers. Microtubules grow by the addition of GTP-tubulin

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 High expression in brain, where it represents 30% of all beta-tubulins.

Images



WB analysis of Beta-tubulin (Ack379) expression In HeLa (A); NIH3T3 (B); PC12 (C) whole cell lysates

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