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Anti-Beta2A-tubulin Antibody

Catalog # AP61569

Product Information

Application	WB, IP
Primary Accession	Q13885
Reactivity	Human, Mouse, Rat
Host	Mouse
Clonality	Monoclonal
Calculated MW	49907

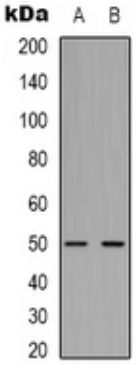
Additional Information

Gene ID	7280
Other Names	TUBB2; Tubulin beta-2A chain; Tubulin beta class IIa
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence of human Beta2A-tubulin. The exact sequence is proprietary.
Dilution	WB~~WB (1/50000 - 1/100000), IP (1/100 - 1/200) IP~~WB (1/50000 - 1/100000), IP (1/100 - 1/200)
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

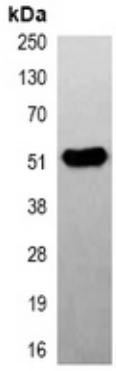
Protein Information

Name	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



Western blot analysis of Beta2A-tubulin expression in mouse brain (A), rat brain (B) whole cell lysates.
(Predicted band size: 49 kD; Observed band size: 52 kD)



Immunoprecipitation of Beta2A-tubulin from 0.5mg mouse brain whole cell extract lysate, using Anti-Beta2A-tubulin Antibody.

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