

**alpha Tubulin Antibody**  
Rabbit mAb  
Catalog # AP90029

## Specification

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### alpha Tubulin Antibody - Product Information

Application	WB, IHC, FC, ICC, IP
Primary Accession	<a href="#">P68366</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
Alpha-tubulin 1; TUBA1; TUBA1A ; Tubulin alpha 1 chain; Tubulin alpha	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	49924 Da

### alpha Tubulin Antibody - Additional Information

Purification	<b>Affinity-chromatography</b>
Immunogen	<b>A synthesized peptide derived from human alpha Tubulin</b>
Description	<b>TUBA1A Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha-chain.</b>
Storage Condition and Buffer	<b>Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.</b>

### alpha Tubulin Antibody - Protein Information

**Name** TUBA4A

**Synonyms** TUBA1

#### **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**

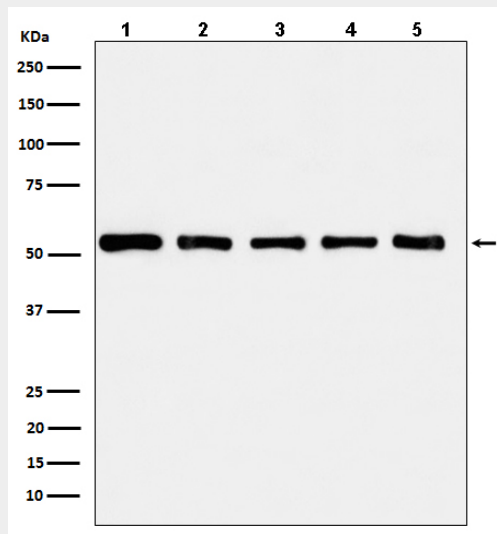
Cytoplasm, cytoskeleton.

## alpha Tubulin Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## alpha Tubulin Antibody - Images



Western blot analysis of alpha Tubulin in (1) HeLa cell lysate; (2) HepG2 cell lysate; (3) NIH/3T3 cell lysate; (4) Mouse brain lysate; (5) C6 cell lysate.