

TUBA1C Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5132**Specification**

TUBA1C Antibody (N-term) - Product Information

Application	WB, FC,E
Primary Accession	Q9BQE3
Other Accession	P08537 , Q68FR8 , P05214 , P06605 , Q32KN8 , Q6PEY2 , Q13748 , P06603 , P02552 , Q2HJ86 , Q6AYZ1 , P68373 , P68365 , Q3ZCJ7 , Q6P9V9 , Q2XVP4 , P05213 , Q4R538 , P68363 , P68361 , P81947 , P68370 , P02550 , P68369 , Q71U36 , P68362 , P0DPH7 , P0DPH8
Reactivity	Human, Mouse, Rat
Predicted	Hamster, Pig, Bovine, Monkey, Chicken, Drosophila, Xenopus
Host	Rabbit
Clonality	Polyclonal
Calculated MW	H=50;M=50;Rat=50 KDa
Isotype	Rabbit IgG
Antigen Source	HUMAN

TUBA1C Antibody (N-term) - Additional Information**Gene ID** 84790**Antigen Region**
26-60**Other Names**
Tubulin alpha-1C chain, Alpha-tubulin 6, Tubulin alpha-6 chain, TUBA1C, TUBA6**Dilution**
WB~~1:1000
FC~~1:25**Target/Specificity**
This TUBA1C antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 26-60 amino acids from the N-terminal region of human TUBA1C.**Format**
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.**Storage**
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.**Precautions**

TUBA1C Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TUBA1C Antibody (N-term) - Protein Information

Name TUBA1C

Synonyms TUBA6

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

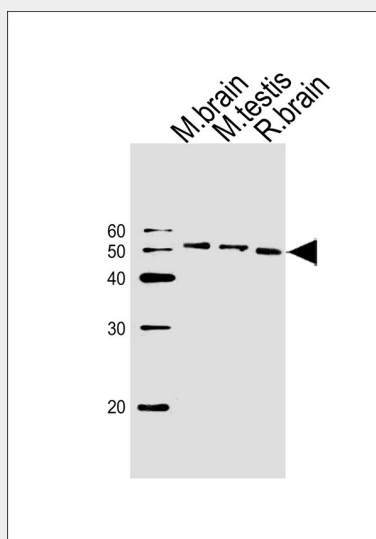
Cytoplasm, cytoskeleton.

TUBA1C Antibody (N-term) - Protocols

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

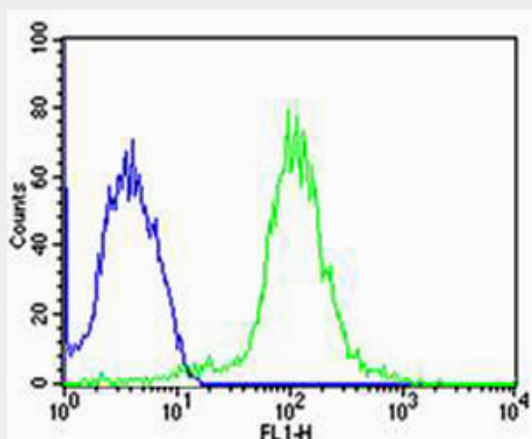
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TUBA1C Antibody (N-term) - Images



Western blot analysis of lysates from mouse brain, mouse testis, rat brain tissue (from left to right), using TUBA1C Antibody (N-term)(Cat. #AW5132). AW5132 was diluted at 1:1000 at each

lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.



Flow cytometric analysis of MCF-7 cells using TUBA1C Antibody (N-term)(green, Cat#AW5132) compared to an isotype control of rabbit IgG(blue). AW5132 was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.

TUBA1C Antibody (N-term) - Background

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.

TUBA1C Antibody (N-term) - References

- Lubec G.,et al.Submitted (MAR-2007) to UniProtKB.
- Olsen J.V.,et al.Cell 127:635-648(2006).
- Daub H.,et al.Mol. Cell 31:438-448(2008).
- Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).
- Gauci S.,et al.Anal. Chem. 81:4493-4501(2009).