

TUBA1C antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14536**Specification**

TUBA1C antibody - C-terminal region - Product Information

Application	WB, IHC, IP
Primary Accession	O9NY65
Other Accession	NM_032704 , NP_116093
Reactivity	Human, Mouse, Rat, Pig, Dog
Predicted	Human, Mouse, Rat, Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50kDa KDa

TUBA1C antibody - C-terminal region - Additional Information**Gene ID** 51807**Alias Symbol** MGC10851, MGC14580, TUBA6, bcm948**Other Names**

Tubulin alpha-8 chain, Alpha-tubulin 8, Tubulin alpha chain-like 2, TUBA8, TUBAL2

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-TUBA1C antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

TUBA1C antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

TUBA1C antibody - C-terminal region - Protein Information**Name** TUBA8**Synonyms** TUBAL2**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

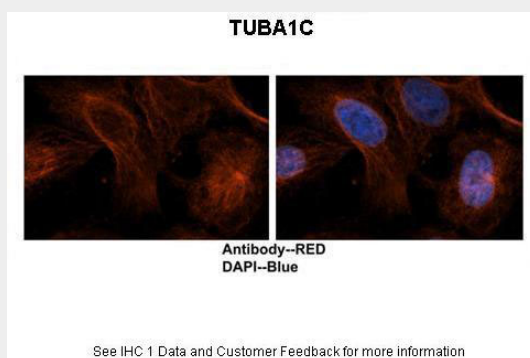
Preferentially expressed in heart, skeletal muscle and testis. Expressed at low levels in the developing brain. Expressed in megakaryocytes and platelets (PubMed:34704371)

TUBA1C antibody - C-terminal region - 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 - C-terminal region - Images



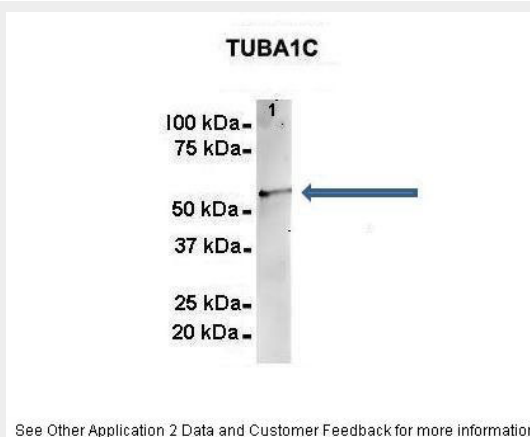
Sample Type : Human brain stem cells

Primary Antibody Dilution : 1:500

Secondary Antibody : Goat anti-rabbit Alexa-Fluor 594 Secondary Antibody Dilution : 1:1000

Color/Signal Descriptions : TUBA1C: Red DAPI:Blue

Gene Name : TUBA1C Submitted by : Dr. Yuzhi Chen, University of Arkansas for Medical Science

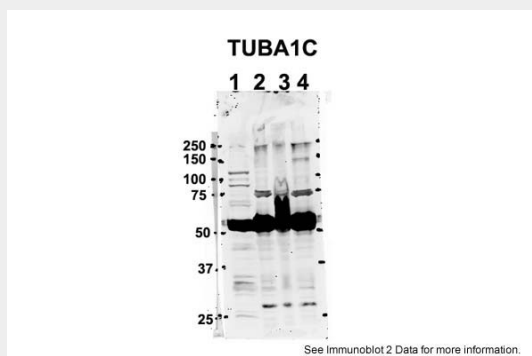


Amount and Sample Type : 500 ug mouse brain homogenate Amount of IP Antibody : 6 ug

Primary Antibody : TUBA1C

Primary Antibody Dilution : 1:500

Secondary Antibody : Goat anti-rabbit Alexa-Fluor 594 Secondary Antibody Dilution : 1:5000
Gene Name : TUBA1C Submitted by : Dr. Yuzhi Chen, University of Arkansas for Medical Science



Sample Type: 1. Human NT-2 cells (60ug) 2. and 3. mouse brain extracts (80ug) 4. rat brain extract (80ug)

Primary Antibody Dilution: 2 µg/ml

Secondary Antibody: IRDye 800CW goat anti-rabbit from Li-COR Bioscience

Secondary Antibody Dilution: 1: 20,000 Image

Submitted by: Yuzhi Chen University of Arkansas for Medical Science

TUBA1C antibody - C-terminal region - References

Stanchi F., et al. Biochem. Biophys. Res. Commun. 270:1111-1118(2000).

Collins J.E., et al. Genome Biol. 5:R84.1-R84.11(2004).

Ota T., et al. Nat. Genet. 36:40-45(2004).

Dunham I., et al. Nature 402:489-495(1999).

Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.