

# **TUBB2A Antibody (C-term)**

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP13739b

# **Specification**

#### TUBB2A Antibody (C-term) - Product Information

Application WB,E
Primary Accession 013885

Other Accession P02554, P13602,

P32882, Q3KRE8, Q9CWF2, Q9BVA1, Q6B856, P85108, Q7TMM9, Q4R5B3,

P09203, NP\_001060.1

Reactivity Human

Predicted Chicken, Monkey,

Mouse, Rat, Bovine, Xenopus,

Host Rabbit
Clonality Polyclonal
Isotype Rabbit Ig
Calculated MW 49907
Antigen Region 410-438

TUBB2A Antibody (C-term) - Additional Information

# **Gene ID** 7280

### **Other Names**

Tubulin beta-2A chain, Tubulin beta class IIa, TUBB2A, TUBB2

## **Target/Specificity**

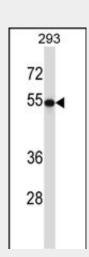
This TUBB2A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 410-438 amino acids from the C-terminal region of human TUBB2A.

### **Dilution**

WB~~1:1000

### **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.



TUBB2A Antibody (C-term) (Cat. #AP13739b) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the TUBB2A antibody detected the TUBB2A protein

(arrow).

# TUBB2A Antibody (C-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 (By similarity).

## **TUBB2A Antibody (C-term) - References**

Martins-de-Souza, D., et al. J Psychiatr Res 44(14):989-991(2010)

Frum, R., et al. J. Proteome Res.

6(4):1410-1417(2007)

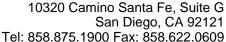
Yeh, T.S., et al. Cancer Res.

64(22):8334-8340(2004)

Okai, T., et al. J. Cell. Sci. 117 (PT 20),

4705-4715 (2004) :

Jin, J., et al. Curr. Biol. 14(16):1436-1450(2004)





# **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**

TUBB2A Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TUBB2A Antibody (C-term) - Protein Information

Name TUBB2A

**Synonyms** TUBB2

### **Function**

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 (By similarity).

**Cellular Location** Cytoplasm, cytoskeleton.

# **Tissue Location**

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

# **TUBB2A Antibody (C-term) - Protocols**

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture