

## Anti-TUBB2A antibody

<b>Cat. No.</b>	ml225884
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-TUBB2A rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Fusion protein of human TUBB2A
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	1.5 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	TUBB2A
<b>Full name</b>	tubulin beta 2A class IIa

**Synonyms** TUBB; TUBB2; CDCBM5

**Swissprot** Q13885

### Target Background

Microtubules, key participants in processes such as mitosis and intracellular transport, are composed of heterodimers of alpha- and beta-tubulins. The protein encoded by this gene is a beta-tubulin. Defects in this gene are associated with complex cortical dysplasia with other brain malformations-5. Two transcript variants encoding distinct isoforms have been found for this gene.

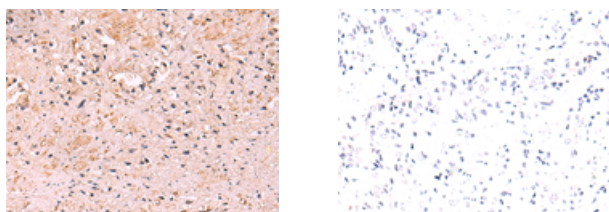
## Applications

### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human prostate cancer

Recommended dilution: 50-300



The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using ml225884(TUBB2A Antibody) at dilution 1/85, on the right is treated with fusion protein. (Original magnification: ×200)

### Western blotting

Predicted band size: 50 kDa

Positive control: Mouse brain tissue and Rat brain tissue lysates

Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

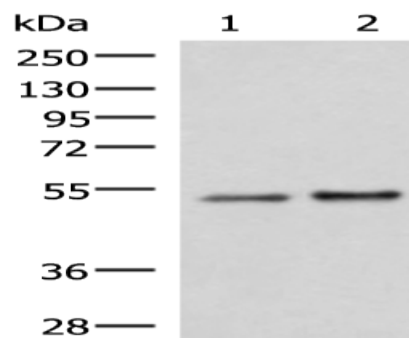
Lysate: 40  $\mu$ g

Lane 1-2: Mouse brain tissue and Rat brain tissue lysates

Primary antibody: ml225884(TUBB2A Antibody) at dilution 1/550

Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution

Exposure time: 3 seconds



#### ELISA

Recommended dilution: 5000-10000

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