

# β-tubulin Polyclonal Antibody

Catalog No: tcba13650



## Available Sizes

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**Size:** 50ul

**Size:** 100ul

**Size:** 200ul



## Specifications

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**Application:**

WB,IF

**Research Area:**

Epigenetics & Nuclear Signaling,Epigenetic Modifications,Epigenetic Modifications\_Methylation,Epigenetics & Nuclear Signaling,Epigenetic Modifications,Epigenetic Modifications\_Methylation,

**Species Reactivity:**

Human,Mouse,Rat

**Host Species:**

Rabbit

**Immunogen / Amino acids:**

Recombinant fusion protein containing a sequence corresponding to amino acids 40-260 of human β-tubulin (NP\_006077.2).

**Conjugation:**

Unconjugated

**Clonality:**

Polyclonal

**Isotype:**

IgG

**Storage Buffer:**

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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**Recommended Dilution:**

WB 1:500 - 1:2000

IF 1:50 - 1:200

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**Storage Instruction:**

Store at -20°C. Avoid freeze / thaw cycles.

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**Alternative Names:**

CDCBM6;CSCSC1;M40;OK/SW-cl.56;TUBB1;TUBB5

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**SwissProt:**

P07437

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**Gene ID:**

10381 (human);

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**Calculated Molecular Weight:**

49kDa

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**Purification:**

Affinity purification

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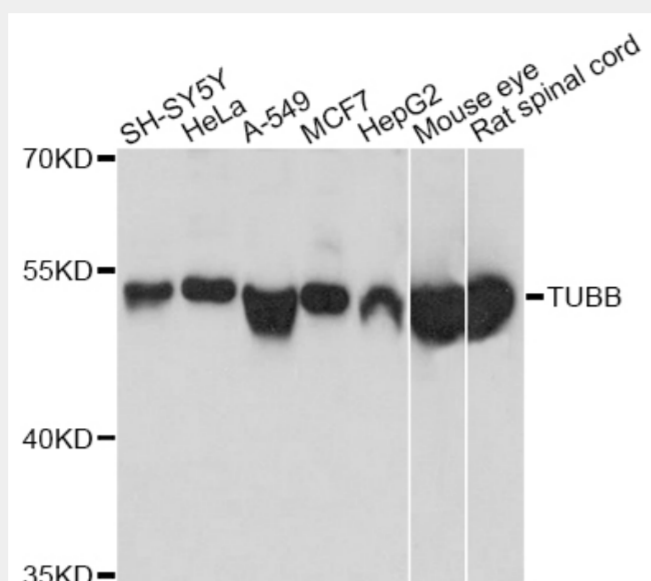
**Cellular Location:**

Cytoplasm,cytoskeleton,

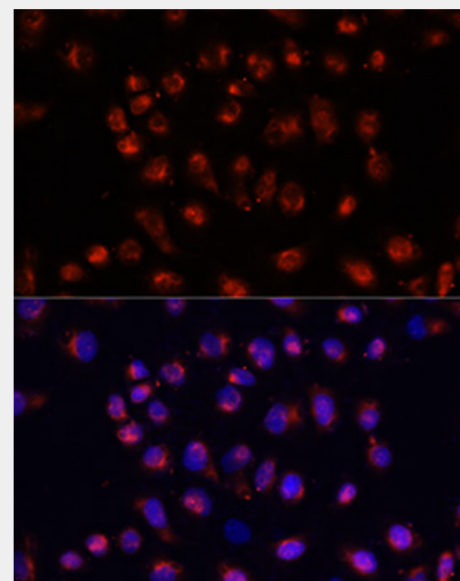
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**Product Description**

This gene encodes a beta tubulin protein. This protein forms a dimer with alpha tubulin and acts as a structural component of microtubules. Mutations in this gene cause cortical dysplasia, complex, with other brain malformations 6. Alternative splicing results in multiple splice variants. There are multiple pseudogenes for this gene on chromosomes 1, 6, 7, 8, 9, and 13.



Western blot analysis of extracts of various cell lines, using TUBB antibody at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit.  
Exposure time: 3s.



Immunofluorescence analysis of HeLa cells using TUBB antibody at dilution of 1:100.  
Blue: DAPI for nuclear staining.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!