

## Tubulin Polyclonal Antibody

**CATALOG NO:** 3708-30T 30 µg (Trial size)  
3708-100 100 µg

**HOST:** Rabbit

**IMMUNOGEN:** Synthetic peptide corresponding to the C-terminus of human  $\beta$ -Tubulin (Internal ID# BV-B21).

**SPECIES REACTIVITY:** Human, Mouse, Rat, Dog

### FORMULATION:

0.5 mg/ml affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

### STORAGE CONDITIONS:

Store at  $-20^{\circ}\text{C}$ . For long term storage, aliquot and freeze at  $-70^{\circ}\text{C}$ . Avoid repeated freeze/defrost cycles.

### DESCRIPTION:

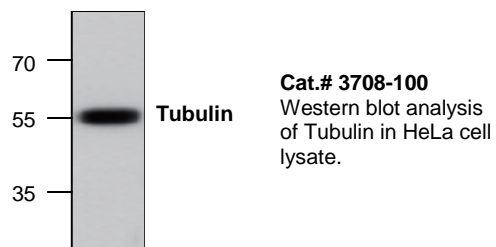
Microtubules are one type of cytoskeleton. Globular tubulin subunits are the building blocks of a microtubule and the  $\alpha$  and  $\beta$ -tubulin heterodimer forms the tubulin subunits, which is present in all eukaryotic cells. Microtubules mediate many cell movements.

### SPECIFICITY:

The antibody recognizes 55 kDa  $\beta$ -tubulin in samples of human, mouse, and rat origins. Reactivity to other species has not been determined.

### APPLICATION:

The antibody can be used for Western blotting (0.5-4 µg/ml). However, the optimal concentrations should be determined individually. HeLa cell or Jurkat cell lysate can be used as a positive control.



**FOR RESEARCH USE ONLY! Not to be used on humans.**

### RELATED PRODUCTS:

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

#### Cell Fractionation System

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
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- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

#### Cell Damage & Repair

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- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

#### Signal Transduction

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- Akt & JNK Activity Assay Kits
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- CETP Activity Assay & Drug Discovery Kits
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- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- $\beta$ -Galactosidase Staining Kit & Luciferase Reporter Assay Kit

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#### Monoclonal and Polyclonal Antibodies