

## $\alpha$ -tubulin Rabbit Polyclonal Antibody

**CATALOG NUMBER:** C1826

**QUANTITY:** 50 $\mu$ L

**BACKGROUND:** Tubulin is one of several members of a small family of globular proteins. The most common members of the tubulin family are  $\alpha$ -tubulin and  $\beta$ -tubulin, the proteins that make up microtubules. Each has a molecular weight of approximately 55 kiloDaltons. Microtubules are assembled from dimers of  $\alpha$ - and  $\beta$ -tubulin.

**Source:** Rabbit polyclonal antibody is prepared by immunizing recombinant protein.

**SPECIFICITY:** Antibody can detect endogenous  $\alpha$ -tubulin protein.

**Reactivity:** H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken  
Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig

**ISOTYPE:** IgG

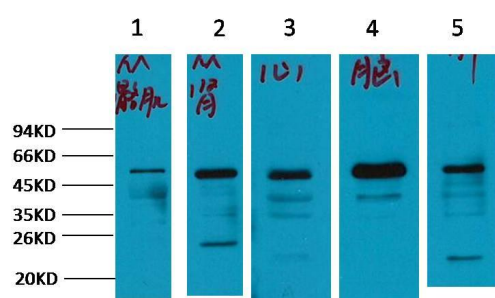
**APPLICATIONS:** WB-Western blot IHC-Immunocytochemistry IF-Immunofluorescence  
IP-Immunoprecipitation ChIP-Chromatin Immunoprecipitation

**Recommended dilutions:** WB: 1:2,000 IHC: 1:200

**\*NOTE:** Optimal working dilutions must be determined by the end user

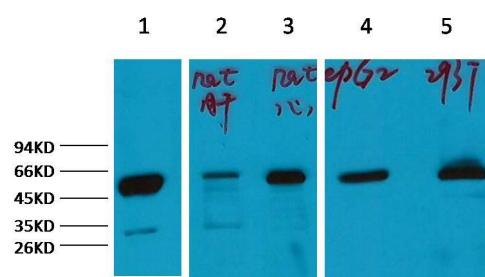
**STORAGE/HANDLING:** 1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol. Store at -20°C. Stable for one year from the date of shipment. **Do not aliquot the antibody.**

### Western Blot:



Western blot analysis of 1) Mouse skeletal muscle tissue, 2) Mouse kidney tissue, 3) Mouse heart tissue, 4) Mouse brain tissue, 5) Mouse liver tissue with  $\alpha$ -tubulin Rabbit pAb diluted at 1:2,000.

$\alpha$ -tubulin Rabbit pAb diluted at 1:2,000.



Western blot analysis of 1) Rat Brain tissue, 2) Rat Liver tissue, 3) Rat Heart Tissue, 4) HepG2, 5) 293T, with  $\alpha$ -tubulin Rabbit pAb diluted at 1:2,000.

**For research use only; not for use as a diagnostic.**

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