

## C. Elegans $\beta$ -tubulin Rabbit Polyclonal Antibody

Catalog	TDY1003C	TDY1003F	Tel: 010-80117836
			Web: www.tdybio.com
Quantity	50 $\mu$ L	100 $\mu$ L	Entrez-Gene ID:176501 , Swiss-Prot Acc.O17921

**For research use only.**

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB	C. Elegans (H, M, R)	53KD	IgG

**Storage Buffer & Condition:** Antigen Affinity Purified IgG in PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.

Store at **-20°C**. **Do not aliquot the antibody.**

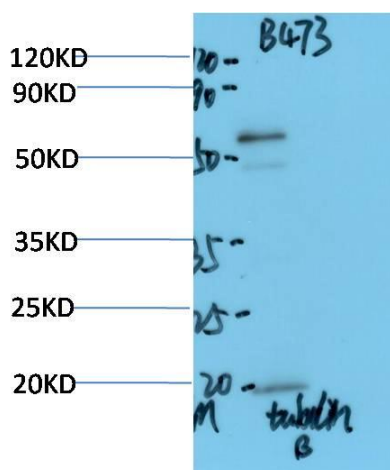
**Recommended dilutions: WB: 1:1,000-2,000**

**Optimal dilutions should be determined by the end user.**

**Specificity:** Antibody can detect endogenous C. Elegans  $\beta$ -tubulin protein, predict Cross-Reactivity with Human, Mouse, Rat.

**Alternative Names:** Beta 4 tubulin, TBB5, TUBB2, TUBB2A, tubulin beta 2A, beta tubulin, tubulin beta chain

**Background:** Microtubules are constituent parts of the mitotic apparatus, cilia, flagella, and elements of the cytoskeleton. They consist principally of 2 soluble proteins, alpha- and beta-tubulin, each of about 55,000 Da. Antibodies against beta Tubulin are useful as loading controls for Western Blotting. However it should be noted that levels of  $\beta$ -Tubulin may not be stable in certain cells. For example, expression of  $\beta$ -Tubulin in adipose tissue is very low and therefore  $\beta$ -Tubulin should not be used as loading control for these tissues.



Western blot analysis of C. Elegans whole body Lysate using (TDY1003)

Rabbit pAb diluted at 1:4,000.