

# Beta Tubulin Polyclonal Antibody

### Description

Product type Primary Antibody

Code BT-AP09778

**Host** Rabbit

Isotype IgG

**Size** 20ul, 50ul, 100ul

Immunogen Recombinant Protein of Tubulin beta

Mol wt 50433

Species reactivity Human, Mouse, Rat

**Clonality** Polyclonal

Recommended application WB

Concentration 1 mg/ml

Full name beta Tubulin Antibody

Synonyms TUBB3; TUBB4; Tubulin beta-3 chain; Tubulin beta-4 chain; Tubulin beta-III

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

# Background

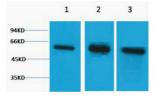
TUBB3 encodes a class III member of the beta tubulin protein family. Beta tubulins are one of two core protein families (alpha and beta tubulins) that heterodimerize and assemble to form microtubules. This protein is primarily expressed in neurons and may be involved in neurogenesis and axon guidance and maintenance. Mutations in TUBB3 are the cause of congenital fibrosis of the extraocular muscles type 3. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 6.

# Recommended Dilution

WB: 1: 2000 - 5000

Not yet tested in other applications.

#### **Images**



Western blot analysis of 1) Hela, 2) Mouse Brain, 3) Rat Brain tissue, diluted at 1:5000. Secondary antibody was diluted at 1:20000

### Storage

-20°C for one year