

Tubulin Beta-1/2/3/4 polyclonal antibody

Catalog: BS60641

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Tubulin is a major cytoskeleton component that has five distinct forms, designated a, b, g, d and e tubulin. a and b tubulins form heterodimers which multimerize to form a microtubule filament. Multiple b Tubulin isoforms (b1, b2, b3, b4, b5, b6 and b8) have been characterized and are expressed in mammalian tissues. b1 and b4 are present throughout the cytosol, b2 is present in the nuclei and nucleoplasm, and b3 is a neuron-specific cytoskeletal protein. g Tubulin forms the gammaosome, which is required for nucleating microtubule filaments at the centrosome. Both d Tubulin and e Tubulin are associated with the centrosome. d Tubulin is a homolog of the Chlamydomonas d Tubulin Uni3 and is found in association with the centrioles, whereas e Tubulin localizes to the pericentriolar material. e Tubulin exhibits a cell cycle-specific pattern of localization; first associating with only the older of the centrosomes in a newly duplicated pair, and later associating with both centrosomes.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 50 kDa

Swiss-Prot:

Q9H4B7/Q13885/Q9BVA1/P68371/Q13509/Q99867/P04350/P07437/Q9BUF5/Q3ZCM7

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

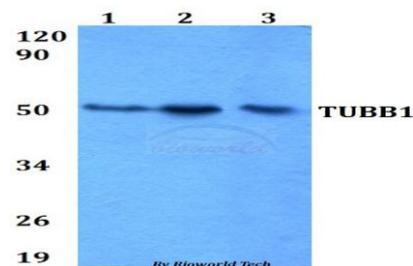
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Tubulin Beta-1/2/3/4 polyclonal antibody detects endogenous levels of Tubulin Beta-1/2/3/4 protein.

DATA:



Western blot (WB) analysis of Tubulin Beta-1/2/3/4 polyclonal antibody at 1:500 dilution

Lane1:HEK293Twhole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:PC12 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

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