

**TUBB2A (Acetyl-K379) polyclonal antibody**

Catalog: BS64103

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Tubulin is a major cytoskeleton component that has five distinct forms, designated α , β , γ , δ and ϵ tubulin. α and β tubulins form heterodimers which multimerize to form a microtubule filament. Multiple β Tubulin isoforms (β 1, β 2, β 3, β 4, β 5, β 6 and β 8) have been characterized and are expressed in mammalian tissues. β 1 and β 4 are present throughout the cytosol, β 2 is present in the nuclei and nucleoplasm, and β 3 is a neuron-specific cytoskeletal protein. γ Tubulin forms the gammaosome, which is required for nucleating microtubule filaments at the centrosome. Both δ Tubulin and ϵ Tubulin are associated with the centrosome. δ Tubulin is a homolog of the Chlamydomonas δ Tubulin Uni3 and is found in association with the centrioles, whereas ϵ Tubulin localizes to the pericentriolar material. ϵ 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:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 49 kDa

Swiss-Prot:

Q13885/Q9BVA1/Q13509/P04350/P68371/P07437/Q9B
UF5

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:

TUBB2A (Acetyl-K379) polyclonal antibody detects endogenous levels of TUBB2A protein only when acetylated at Lys379. This antibody also recognizes TUBB2B/3/4A/4B/6 protein when acetylated at the corresponding residues.

DATA:

Western blot (WB) analysis of TUBB2A (Acetyl-K379) polyclonal antibody at 1:500 dilution

Lane1:C6 whole cell lysate(40ug)

Lane2:PC12 whole cell lysate(40ug)

Lane3:Hela whole cell lysate(40ug)

Note:

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

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