

TUBA3C/TUBA3D/TUBA3E polyclonal antibody

Catalog: BS61748

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. There are 5 β Tubulin isoforms ($\beta 1$, $\beta 2$, $\beta 3$, $\beta 4A$ and $\beta 4B$) that are expressed in mammalian tissues. $\beta 1$ and $\beta 4$ are present throughout the cytosol, $\beta 2$ is present in the nuclei and nucleoplasm, and $\beta 3$ is a neuron-specific cytoskeletal protein. γ Tubulin forms the gammasome, 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:

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

Molecular Weight:

~ 55 kDa

Swiss-Prot:

Q13748/Q6PEY2

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:

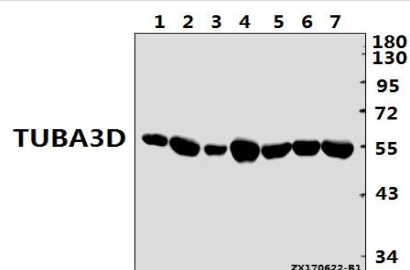
WB: 1:500~1:1000

Storage&Stability:

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

Specificity:

TUBA3C/TUBA3D/TUBA3E polyclonal antibody detects endogenous levels of TUBA3C/TUBA3D/TUBA3E protein.

DATA:

Western blot (WB) analysis of TUBA3C/TUBA3D/TUBA3E polyclonal antibody at 1:500 dilution

Lane1: The Brain tissue lysate of Rat(40ug)

Lane2: The Brain tissue lysate of Mouse(40ug)

Lane3: THP-1 whole cell lysate(40ug)

Lane4: K562 whole cell lysate(40ug)

Lane5: HeLa whole cell lysate(40ug)

Lane6: The Testis tissue lysate of Rat(40ug)

Lane7: The Testis tissue lysate of Mouse(40ug)

Note:

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

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151