

TUBERIN RABBIT MAB

Cat.#: N263590

Product Name: Anti-Tuberin Rabbit Monoclonal Antibody

Synonyms: TSC2; Tuberous sclerosis 2 homolog protein; Tuberous sclerosis 2 protein; Tuberin; TSC4

UNIPROT ID: P49815

Background: Tuberin is a product of the TSC2 tumor suppressor gene and an important regulator of cell proliferation and tumor development. Mutations in either TSC2 or the related TSC1 (hamartin) gene cause tuberous sclerosis complex (TSC), an autosomal dominant disorder characterized by development of multiple, widespread non-malignant tumors. Tuberin is directly phosphorylated at Thr1462 by Akt/PKB. Phosphorylation at Thr1462 and Tyr1571 regulates tuberin-hamartin complexes and tuberin activity.

Immunogen: Recombinant protein of human Tuberin

Applications: WB,IP

Recommended Dilutions: WB: 1/500-1/1000 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R04-113

MW: Calculated MW: 201 kDa; Observed MW: 201 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human

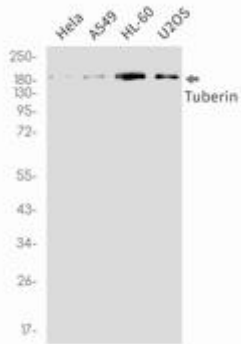
Conjugation: Unconjugated

Modification: Unmodified

Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Cell Biology

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of Tuberin in HeLa, A549, HL-60, U2OS lysates using Tuberin antibody.