

Anti-Tuberin Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R012069

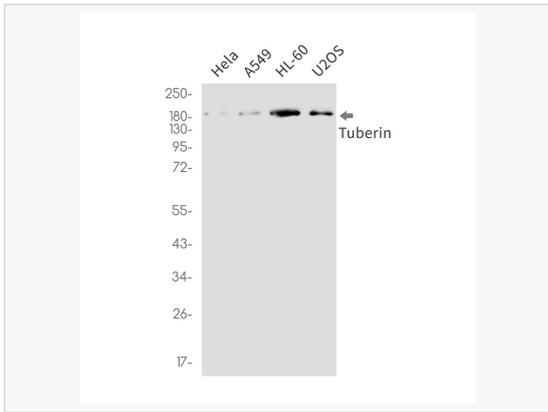
Product Information

Application	WB, IP, ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	79M07L40
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human Tuberin
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Tuberin antibody [79M07L40] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	TSC2, Tuberous sclerosis 2 homolog protein, Tuberous sclerosis 2 protein, Tuberin, TSC4.
Calculated MW	Calculated MW: 201 kDa; Observed MW: 201 kDa
Uniprot ID	P49815
Gene ID	7249
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.

Validation Images



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