Anti-Phospho-Tuberin (Ser939) Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R015263

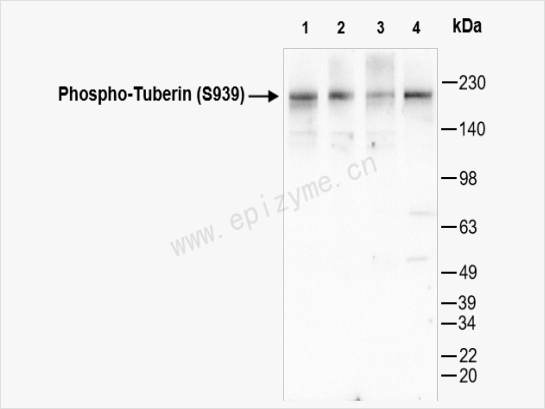
Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	19N18E94
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Phospho-Tuberin (S939)
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
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-Phospho-Tuberin (Ser939) Rabbit mAb [19N18E94] is for research use only and not for use in diagnostic or therapeutic procedures.

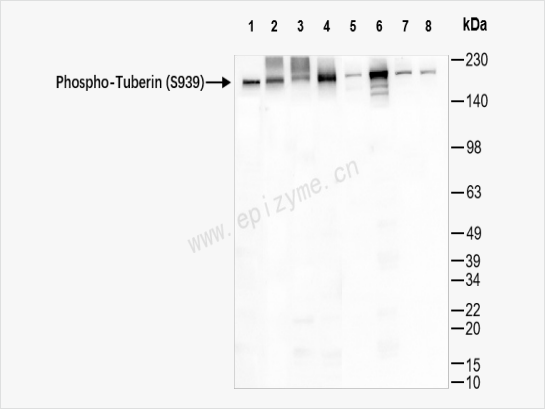
Protein Information

Synonyms	FLJ43106; LAM; OTTHUMP00000158940; OTTHUMP00000198394; OTTHUMP00000198395; PPP1R160; Protein phosphatase 1, regulatory subunit 160; TSC complex subunit 2; tsc2; TSC2_HUMAN; TSC4; TSC4 gene, formerly; TSC4, formerly; Tuberin; Tuberous sclerosis 2; Tuberous sclerosis 2 protein; Tuberous sclerosis 2 protein homolog.
Calculated MW	Calculated MW: 201 kDa; Observed MW: 201 kDa
Uniprot ID	P49815
Gene ID	7249
Background	Mutations in this gene lead to tuberous sclerosis complex. Its gene product is believed to be a tumor suppressor and is able to stimulate specific GTPases. The protein associates with hamartin in a cytosolic complex, possibly acting as a chaperone for hamartin. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]
Cellular Location	Cytoplasm. Membrane. At steady state found in association with membranes.
Tissue Location	Liver, brain, heart, lymphocytes, fibroblasts, biliary epithelium, pancreas, skeletal muscle, kidney, lung and placenta.

Validation Images



Western Blot - Anti-Phospho-Tuberin (Ser939) Rabbit mAb [19N18E94]
All lanes: R015263 at 1:1,000 dilution
Lane 1: Jurkat (Human T lymphocytic leukemia cell) whole cell lysates
Lane 2: 293T (Human embryonic kidney cell) whole cell lysates
Lane 3: SCC-9 (Human tongue squamous carcinoma epithelial cell) whole cell lysates
Lane 4: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 201 kDa
Observed band size: 201 kDa
Developed using the ECL technique (Cat. No. SQ201).



Western Blot - Anti-Phospho-Tuberin (Ser939) Rabbit mAb [19N18E94]
All lanes: R015263 at 1:1,000 dilution
Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2: K562 (Human chronic myeloid leukemia cell) whole cell lysates
Lane 3: U87 (Human malignant glioblastoma epithelial cells) whole cell lysates
Lane 4: Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates
Lane 5: Mouse brain whole tissue lysates
Lane 6: PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates
Lane 7: Rat muscle whole tissue lysates
Lane 8: Rat brain whole tissue lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 201 kDa
Observed band size: 201 kDa
Developed using the ECL technique (Cat. No. SQ201).