

Phospho-Tuberin/TSC2 (Ser939) Ab

Cat.#: AF2431 Concn.: 1mg/ml Mol.Wt.: 200kDa Size: 100ul,200ul Source: Rabbit Clonality: Polyclonal

Application: WB 1:500-1:2000, IHC 1:50-1:200

Reactivity: Human, Mouse, Rat

Purification: The Ab is from purified rabbit serum by affinity purification

via sequential chromatography on phospho- and non-

phospho-peptide affinity columns.

Specificity: Phospho-Tuberin/TSC2 (Ser939) Ab detects endogenous

levels of Tuberin/TSC2.

Immunogen: A synthesized peptide derived from human Tuberin/TSC2

around the phosphorylation site of Ser939.

Uniprot: P49815

Subcellular Location: Cytoplasm. Membrane. At steady state found in association

with membranes.

Tissue Specificity: Liver, brain, heart, lymphocytes, fibroblasts, biliary

epithelium, pancreas, skeletal muscle, kidney, lung and

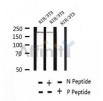
placenta.

Storage Condition and

Buffer:

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20

°C.Stable for 12 months from date of receipt.



Western blot analysis of extracts of NIH/3T3 cells, using Phospho-Tuberin/TSC2 (Ser939) Ab.



AF2431 at 1/100 staining Human thyroid cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the Ab for 1.5 hours at 22 $^{\circ}$ C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.



<code>TMPORTANT:</code> For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1% TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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