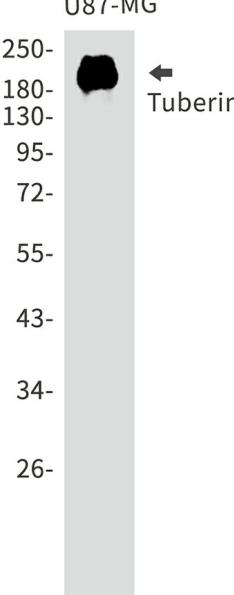


Swiss-Prot No.:	P49815
Storage/Stability:	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Immunogen:	A synthesized peptide derived from human Tuberin
Purification:	Affinity Chromatography
Reactivity:	Human, Mouse, Rat
Other Names:	TSC2; Tuberous sclerosis 2 homolog protein; Tuberous sclerosis 2 protein; Tuberin;
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.
Cellular localization:	Cytoplasm, Membrane
Source:	Rabbit
Antibody type:	Polyclonal antibody

Isotype:	Rabbit IgG
Molecular Weight:	200kDa
Preservative:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Recommended Dilutions:	WB 1:500~1:2000 IHC 1:50~1:200 FC 1:50
	<p>U87-MG</p>  <p>250- 180- 130- 95- 72- 55- 43- 34- 26-</p>
	Western blot analysis of Tuberin in U87-MG lysates using Tuberin antibody.