

Anti-Tuberin Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P011891

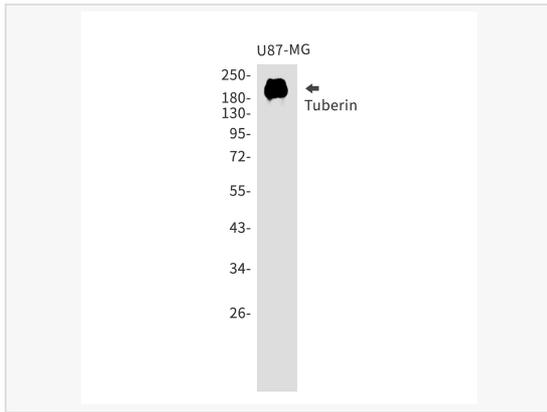
Product Information

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| Application | WB, IHC-P/IF (Tissue-P), FC, ELISA |
| Reactivity | Human, Mouse, Rat |
| Dilution | WB 1:500~1:1,000; IHC-P 1:50~1:100; FC 1:50~1:100 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Label | Unconjugated |
| Immunogen | A synthetic peptide 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 is for research use only and not for use in diagnostic or therapeutic procedures. |

Protein Information

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| 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 U87-MG lysates using Tuberin antibody.