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**Anti-Tuberin**

Cat #: HM1387  
Rabbit polyclonal IgG  
0.2 µg/µl, store at 4 °C

For research use only

**BACKGROUND**

Tuberous sclerosis (TSC) is a genetic disorder characterized by mental retardation and widespread benign and infrequently malignant tumors in a variety of tissues. Two different genetic loci have been linked to TSC; TSC2 encodes a 180 kDa protein, 1784 amino acids in length, called tuberin. Tuberin exhibits a region of limited homology to the catalytic domain of Rap1 GAP. It is capable of stimulating the intrinsic GTPase activity of Rap 1A. Tuberin is believed to be a tumor suppressor. It associates with hamartin in a cytosolic complex, possibly acting as a chaperone for hamartin.

**SPECIFICITY**

This antibody specifically reacts with Tuberin of human, mouse and rat origin.

The antibody can be used in Western blotting, immunoprecipitation and immunohistochemistry.

**IMMUNOGEN**

A synthetic peptide derived from N-terminus of human Tuberin protein.

**STORAGE**

This antibody is stable for 12 months when stored at 2-8°C.

**REFERENCES**

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Tel: 508-856-7900  
Fax: 508-302-0748  
Email: [contact@hypromatrix.com](mailto:contact@hypromatrix.com)  
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