

# **Tuberin Polyclonal Antibody**

### Description

Product type Primary Antibody

Code BT-AP09287

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human Tuberin/TSC2. AA

range:905-954

Mol wt 200749

Species reactivity Human, Mouse, Rat

**Clonality** Polyclonal

Recommended application WB, IHC-p, IF, ELISA

Concentration 1 mg/ml

Full name Tuberin Antibody

Synonyms TSC2; TSC4; Tuberin; Tuberous sclerosis 2 protein

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

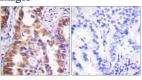
Mutations in TSC2 lead to tuberous sclerosis complex. Its gene product is believed to be a tumor suppressor and is able to stimulate specific GTPases. The protein associates with hamartin in a cytosolic complex, possibly acting as a chaperone for hamartin. Alternative splicing results in multiple transcript variants encoding different isoforms.

### Recommended Dilution

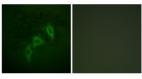
WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 IF: 1: 200 - 1: 1000 ELISA: 1: 10000

Not yet tested in other applications.

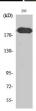
#### Images



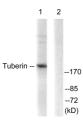
Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using Tuberin/TSC2 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunofluorescence analysis of HepG2 cells, using Tuberin/TSC2 Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Tuberin Polyclonal Antibody diluted at 1:1000. Secondary antibody was diluted at 1:20000



Western blot analysis of lysates from 293 cells, treated with Anisomycin 25ug/ml 30', using Tuberin/TSC2 Antibody. The lane on the right is blocked with the synthesized peptide.

## Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com