

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### Tuberin/ Tsc2 (A1468) Peptide

Cat No.: BS5547P

#### Background

This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide corresponding to amino acid residues surrounding S1254 of human TSC2. TSC2 is believed to be a tumor suppressor and is able to specifically stimulate the intrinsic GTPase activity of the Ras-related protein RAP1A and RAB5. TSC2 associates with hamartin in a cytosolic complex, possibly acting as a chaperone for hamartin. It may have a function in vesicular transport, but may also play a role in the regulation of cell growth arrest and in the regulation of transcription mediated by steroid receptors. Interaction between TSC1 and TSC2 may facilitate vesicular docking. Mutations in TSC2 lead to tuberous sclerosis complex.

#### Swiss-Prot

P49815

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS5547 Tuberin/ Tsc2 (A1468) pAb.

#### Purification & Purity

Synthetic peptide Tuberin/ Tsc2 (A1468). (Note: the amino acid sequence is proprietary). The purity is > 98%.

#### Product

1 mg/ml in DI water.

#### Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

#### Research Use

For research use only, not for use in diagnostic procedure.