

## Tuberin Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP09286
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human Tuberin/TSC2. AA range:1428-1477
<b>Mol wt</b>	200749
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Tuberin Antibody
<b>Synonyms</b>	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 (tuberous sclerosis 2) 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.

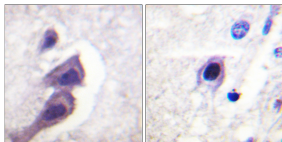
### Recommended Dilution

IHC: 1: 100 - 1: 300

ELISA: 1: 5000

Not yet tested in other applications.

### Images



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

### Storage

-20°C for one year