

Tuberin Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09286
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Tuberin/TSC2. AA range:1428-1477
Mol wt	200749
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC-p, 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 (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.

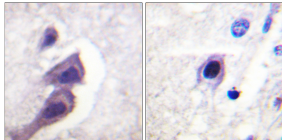
Recommended Dilution

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