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# Datasheet for ABIN1881946 anti-Tuberin antibody (AA 1397-1426)

2 Images

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## Overview

Quantity:	400 µL
Target:	Tuberin (TSC2)
Binding Specificity:	AA 1397-1426
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tuberin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This TSC2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1397-1426 amino acids from the Central region of human TSC2.
Clone:	RB42388
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	

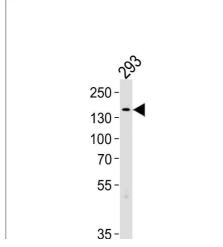
# Target:Tuberin (TSC2)Alternative Name:TSC2 (TSC2 Products)Background:Mutations in this gene lead to tuberous sclerosis complex. Its gene product is believed to be a

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	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.
Molecular Weight:	200608
NCBI Accession:	NP_000539, NP_001070651, NP_001107854
UniProt:	P49815
Pathways:	RTK Signaling, AMPK Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Regulation of Cell Size, Tube Formation, Protein targeting to Nucleus
Application Details	
Application Notes:	WB: 1:1000. IHC-P: 1:25
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Preservative: Precaution of Use:	Sodium azide This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Precaution of Use: Storage:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. 4 °C,-20 °C
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### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemical analysis of paraffinembedded H. brain section using TSC2 Antibody (Center /) (ABIN1881946 and ABIN2838963). (ABIN1881946 and ABIN2838963) was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

## Western Blotting

**Image 2.** TSC2 Antibody (Center /) (ABIN1881946 and ABIN2838963) western blot analysis in 293 cell line lysates (35 µg/lane).This demonstrates the TSC2 antibody detected the TSC2 protein (arrow).

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