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## Datasheet for ABIN1881947 anti-Tuberin antibody (pSer1096)

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#### Overview

Quantity:	400 µL
Target:	Tuberin (TSC2)
Binding Specificity:	pSer1096
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tuberin antibody is un-conjugated
Application:	Dot Blot (DB)

## Product Details

Immunogen:	This TSC2 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S1096 of human TSC2.
Clone:	RB42258
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:	DB: 1:500
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Format: Buffer:	Liquid Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Format: Buffer: Preservative:	Liquid Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. Sodium azide
Format: Buffer: Preservative: Precaution of Use:	Liquid Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. Sodium azide This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Format: Buffer: Preservative: Precaution of Use: Storage:	Liquid Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. Sodium azide This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. 4 °C,-20 °C
Format: Buffer: Preservative: Precaution of Use: Storage: Expiry Date:	Liquid Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. Sodium azide This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. 4 °C,-20 °C 6 months
Format: Buffer: Preservative: Precaution of Use: Storage: Expiry Date: Publications	Liquid Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. Sodium azide This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. 4 °C,-20 °C 6 months

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#### Images



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