

Datasheet for ABIN746443

anti-Tuberin antibody (pThr927) (Cy5.5)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Tuberin (TSC2)
Binding Specificity:	pThr927
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tuberin antibody is conjugated to Cy5.5
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human Tuberin around the phosphorylation site of Thr927
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Tuberin (TSC2)
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Target Details

Alternative Name:	Tuberin (TSC2 Products)
Background:	Synonyms: Tuberinphospho T927, Tuberin phospho Thr927, p-Tuberin Thr927, TSC2 Thr927, P-TSC2 Thr927, FLJ43106, LAM, OTTHUMP00000158940, OTTHUMP00000198394, OTTHUMP00000198395, TSC2, TSC2_HUMAN, TSC4, Tuberin, Tuberous sclerosis 2, Tuberous sclerosis 2 protein, Tuberous sclerosis 2 protein homolog. Background: Mutations in this gene 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. [provided by RefSeq].
Gene ID:	7249
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:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months