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Datasheet for ABIN746438 anti-Tuberin antibody (pThr927)

2 Images



Overview

Quantity:	100 μL
Target:	Tuberin (TSC2)
Binding Specificity:	pThr927
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tuberin antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human Tuberin around the phosphorylation site of Thr927
Isotype:	lgG
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:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

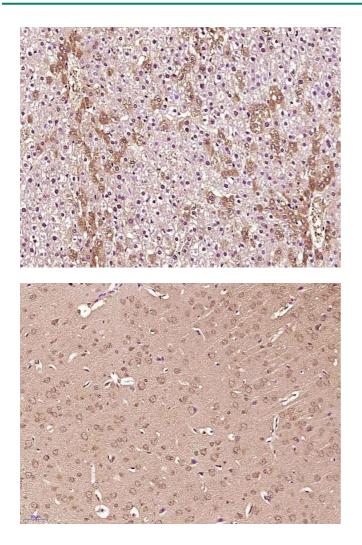
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Handling

Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Paraformaldehyde-fixed, paraffin embedded rat liver, Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer (normal goat serum) at 37°C for 20min, Antibody incubation with Tuberin (Thr927) Polyclonal Antibody at 1:400 overnight at 4°C, followed by a conjugated secondary and DAB staining.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Paraformaldehyde-fixed, paraffin embedded mouse brain, Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer (normal goat serum) at 37°C for 20min, Antibody incubation with Tuberin (Thr927) Polyclonal Antibody at 1:400 overnight at 4°C, followed by a conjugated secondary and DAB staining.

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