antibodies .- online.com







anti-Tuberin antibody (pSer1388)

Image

Publications



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Alternative Name:

Quantity:	400 μL
Target:	Tuberin (TSC2)
Binding Specificity:	pSer1388
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 S1388 of human TSC2.
Clone:	RB42384
Isotype:	lg Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	Tuberin (TSC2)

TSC2 (TSC2 Products)

Target Details

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.
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
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

Publications

Product cited in:

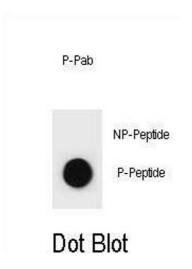
Wendeler, Pabst, Wang, Strouse, Wang, Hunter: "Process-scale purification and analytical characterization of highly gamma-carboxylated recombinant human prothrombin." in: **Journal of chromatography. A**, Vol. 1325, pp. 171-8, (2014) (PubMed).

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Lim, Joy, Hill, San Brian Chia: "Novel agmatine and agmatine-like peptidomimetic inhibitors of the West Nile virus NS2B/NS3 serine protease." in: **European journal of medicinal chemistry**, Vol. 46, Issue 7, pp. 3130-4, (2011) (PubMed).

Images



Dot Blot

Image 1. Dot blot analysis of TSC2 Antibody (Phospho) Phospho-specific Pab (ABIN1881948 and ABIN2839986) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.6 μg per ml.