

Datasheet for ABIN1881931
anti-TSC1 antibody (pThr519)[Go to Product page](#)

1 Image

5 Publications

Overview

Quantity:	400 µL
Target:	TSC1
Binding Specificity:	pThr519
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSC1 antibody is un-conjugated
Application:	Dot Blot (DB)

Product Details

Immunogen:	This TSC1 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding T519 of human TSC1.
Clone:	RB42205
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TSC1
Alternative Name:	TSC1 (TSC1 Products)
Background:	This gene encodes a growth inhibitory protein thought to play a role in the stabilization of

Target Details

	tuberin. Mutations in this gene have been associated with tuberous sclerosis. Alternative splicing results in multiple transcript variants.
Molecular Weight:	129767
NCBI Accession:	NP_000359 , NP_001155898 , NP_001155899
UniProt:	Q92574
Pathways:	RTK Signaling , AMPK Signaling , Regulation of Cell Size , Tube Formation

Application Details

Application Notes:	DB: 1:500
Restrictions:	For Research Use only

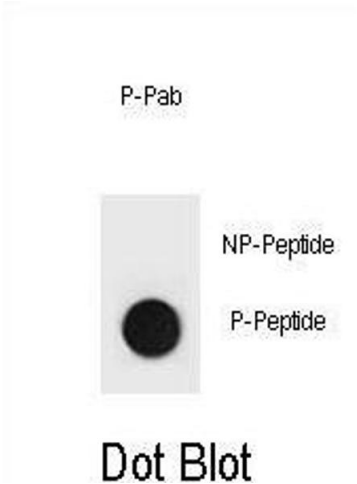
Handling

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:	<p>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).</p> <p>Yang, Ko, Yang, Kim, Seo, Park, Choi, Seong, Kweon: "Interleukin-1 promotes coagulation, which is necessary for protective immunity in the lung against Streptococcus pneumoniae infection." in: The Journal of infectious diseases, Vol. 207, Issue 1, pp. 50-60, (2012) (PubMed).</p> <p>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,</p>
-------------------	--

Images



Dot Blot

Image 1. Dot blot analysis of TSC1 Antibody (Phospho) Phospho-specific Pab (ABIN1881931 and ABIN2839981) 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.