

Rabbit Tsc2 Antibody | anti-Tsc2 antibody

Tsc2 (Phospho-Thr1462) Antibody

CATALOG # AAA111197	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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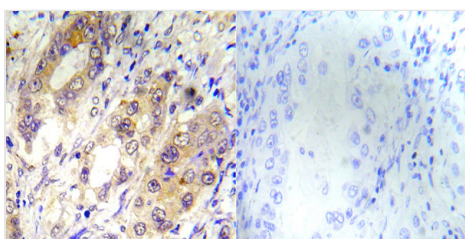
PRODUCT SYNONYMS

Tsc2; Tsc2 (Phospho-Thr1462) Antibody; anti-Tsc2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Isotype	IgG
Specificity	Tsc2 (phospho-Thr1462) antibody detects endogenous levels of Tsc2 only when phosphorylated at threonine 1462.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for anti-Tsc2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Tsc2 around the phosphorylation site of threonine 1462(G-Y-TP-I-S).
Preparation and Storage	Store at -20°C for 1 year.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using Tsc2 (phospho-Thr1462) antibody. P-Peptide: - / +

ADDITIONAL INFORMATION

Product Categories/Family for anti-Tsc2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Cai SL, et al. (2006) J Cell Biol 173, 279-89. Roux PP, et al. (2004) Proc Natl Acad Sci USA 101, 13489-94. Li Y, Inoki K, Vacratis P, Guan KL (2003) J Biol Chem 278, 13663-71. Manning BD, et al. (2002) Mol Cell 10, 151-62. Goncharova, E. et al. (2002) J. Biol. Chem. 277, 30958-30967. Aicher, L. D. et al. (2001) J. Biol. Chem. 276, 21017-21021.

NCBI AND UNIPROT INFORMATION

NCBI GI #	116256352
NCBI GeneID	7249
NCBI Accession #	NP_000539.2
NCBI GenBank Nucleotide #	NM_000548.4
UniProt Accession #	P49815; O75275; Q4LE71; Q8TAZ1; A7E2E2; B4DIL8; B4DIQ7; B4DRN2; B7Z2B8; C9J378
NCBI Official Full Name	tuberin isoform 1
NCBI Official Synonym Full Names	TSC complex subunit 2
NCBI Official Symbol	TSC2
NCBI Official Synonym Symbols	LAM; TSC4; PPP1R160
NCBI Protein Information	tuberin
UniProt Protein Name	Tuberin
UniProt Gene Name	TSC2
UniProt Synonym Gene Names	TSC4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rabbit-human-mouse-rat-antibody/tsc2/111197>