

TSC2 Antibody | anti-TSC2 antibody

TSC2 (Phospho-Tyr1571) Antibody

CATALOG # AAA110730	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
-------------------------------	--	--

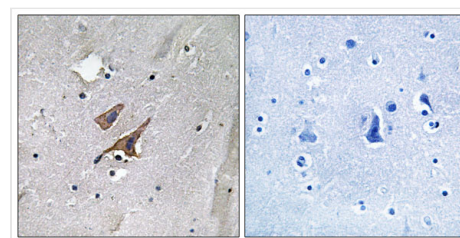
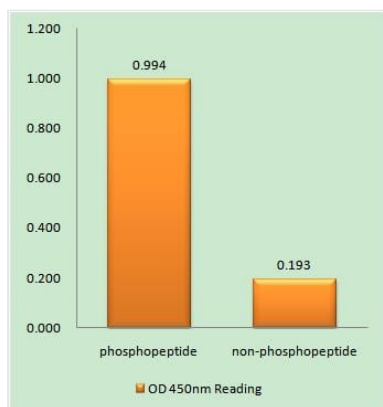
PRODUCT SYNONYMS

TSC2; TSC2 (Phospho-Tyr1571) Antibody; tuberous sclerosis 2 gene; Tuberous sclerosis 2 homolog protein; Tuberous sclerosis 2 protein; anti-TSC2 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	TSC2 (Phospho-Tyr1571) antibody detects endogenous levels of TSC2 only when phosphorylated at tyrosine 1571.
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 Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1807
Applicable Applications for anti-TSC2 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human TSC2 around the phosphorylation site of tyrosine 1571 (Y-R-YP-T-E).
All Sites	Human: Tyr1571 Mouse: Tyr1572 Rat: Tyr1573
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using TSC2 (Phospho-Tyr1571) antibody. TSC2 (Phospho-Tyr1571) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nM are shown in the ELISA figure.

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	Nellist M., Cell 75:1305-1315(1993). Sampson J.R.; Submitted (DEC-1998) to the EMBL/GenBank/DDBJ databases. Xu L., Genomics 27:475-480(1995).

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
Molecular Weight	25,773 Da
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/tsc2/110730>