

anti-Human Tuberin Monoclonal Antibody | anti-TSC2 antibody

Tuberin Rabbit mAb

CATALOG # AAA314582	HOST Recombinant Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Tuberin; Monoclonal Antibody; Tuberin Rabbit mAb; TSC2; Tuberous sclerosis 2 homolog protein; Tuberous sclerosis 2 protein; TSC4; anti-TSC2 antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	S06-0D3
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-TSC2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human Tuberin
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical of Tuberin in Human hepatic carcinoma tissue using Tuberin antibody at dilution 1/50



WB (Western Blot)

Western blot detection of Tuberin in HeLa, A549, MCF-7, 293T cell lysates using Tuberin Rabbit mAb (1:1000 diluted). Predicted band size: 201kDa. Observed band size: 201kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TSC2 antibody	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, Jul 2008]
Product Categories/Family for anti-TSC2 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	116256352
NCBI GeneID	7249
NCBI Accession #	NP_000539.2
NCBI GenBank Nucleotide #	NM_000548.3
UniProt Accession #	P49815; O75275; Q4LE71; Q8TAZ1; A7E2E2; B4DIQ7; B4DRN2; C9J378
Molecular Weight	200,608 Da
NCBI Official Full Name	tuberin isoform 1
NCBI Official Synonym Full Names	tuberous sclerosis 2
NCBI Official Symbol	TSC2
NCBI Official Synonym Symbols	LAM; TSC4
NCBI Protein Information	tuberin; tuberous sclerosis 2 protein
UniProt Protein Name	Tuberin
UniProt Gene Name	TSC2
UniProt Synonym Gene Names	TSC4
UniProt Entry Name	TSC2_HUMAN

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/monoclonal/tuberin-antibody-clone-s06-0d3-immunohistochemistry-western-blot-elisa/314582>