

Goat Hamartin/TSC1 Polyclonal Antibody | anti-TSC1 antibody

Goat anti-Hamartin/TSC1 (isoform 1) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61031	Goat	Tested: Human; Expected from sequence similarity: Human, Mouse, Rat, Dog	Immunohistochemistry, Western Blot, ELISA

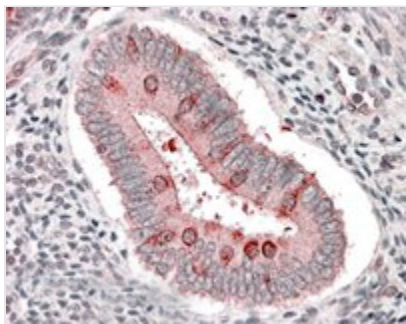
PRODUCT SYNONYMS

Hamartin/TSC1; Polyclonal Antibody; Goat anti-Hamartin/TSC1 (isoform 1) Antibody; TSC1; hamartin; tuberous sclerosis 1; HGNC: 12362; KIAA0243; LAM; MGC86987; TSC; tuberous sclerosis 1 protein; tumor suppressor; TSC1 antibody; hamartin antibody; tuberous sclerosis 1 antibody; HGNC: 12362 antibody; KIAA0243 antibody; LAM antibody; MGC86987 antibody; TSC antibody; tuberous sclerosis 1 protein antibody; tumor suppressor antibody; Hamartin; Hamartin / TSC1 (isoform 1); anti-TSC1 antibody

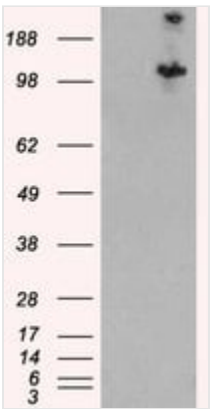
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human, Mouse, Rat, Dog
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	QLHIMDYNETHHEH
Sequence Length	1164
Applicable Applications for anti-TSC1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-QLHIMDYNETHHEH, from the C Terminus of the protein sequence according to NP_000359.1.
Epitope	C Terminus
Note	This antibody is expected to recognise isoform 1 (NP_000359.1) only.
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemisry)
3.8ug/ml staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



WB (Western Blot)
HEK293 overexpressing Human TSC1 (RC213332) and probed (mock transfection in first lane), tested by Origene.



WB (Western Blot)
0.1ug/ml staining of Human Brain lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507693
NCBI GeneID	7248
NCBI Accession #	NP_000359.1
NCBI GenBank Nucleotide #	NM_000368.4
Molecular Weight	124,015 Da
NCBI Official Full Name	hamartin isoform 1
NCBI Official Synonym Full Names	tuberous sclerosis 1
NCBI Official Symbol	TSC1
NCBI Official Synonym Symbols	LAM; TSC
NCBI Protein Information	hamartin
UniProt Protein Name	Hamartin
UniProt Gene Name	TSC1
UniProt Synonym Gene Names	KIAA0243; TSC
UniProt Entry Name	TSC1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/hamartin-tsc1-antibody-immunohistochemistry-western-blot-peptide-elisa-elisa/61031>