

GOAT ANTI-HAMARTIN / TSC1 (ISOFORM 1) ANTIBODY

SKU: EB07221



SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	tumor suppressor tuberous sclerosis 1 protein TSC MGC86987 LAM KIAA0243 HGNC:12362 tuberous sclerosis 1 hamartin TSC1
Accession ID	NP_000359.1
Blocking Peptide	EBP07221
Immunogen	Peptide with sequence C-QLHIMDYNETHHEH, from the C Terminus of the protein sequence according to NP_000359.1.
Product Comments	This antibody is expected to recognise isoform 1 (NP_000359.1) only.
Peptide Sequence	C-QLHIMDYNETHHEH
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Dog
Reactive Species	Human
Human Gene ID	7248
Mouse Gene ID	64930
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	Paraffin embedded Human Uterus and Liver. Recommended concentration: 3.75µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:128000.
Western Blot	Approx 150kDa band observed in Human Brain lysates (calculated MW of 130kDa according to NP_000359.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Miloloza et al Hum Mol Genet. 2000 Jul 22;9(12):1721-7; PMID: 10915759). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.
Application Type	Pep-ELISA, WB, IHC

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa

25kDa
20kDa

15kDa

10kDa

