

Anti-Hamartin TSC1 Antibody

Catalog Number: A00365-1

About TSC1

This enzyme is necessary for target cell lysis in cell-mediated immune responses. It cleaves after Asp. Seems to be linked to an activation cascade of caspases (aspartate-specific cysteine proteases) responsible for apoptosis execution. Cleaves caspase-3, -7, -9 and 10 to give rise to active enzymes mediating apoptosis.

David A. Jans, J. Biol. Chem., Nov 1996; 271: 30781.

Eugene Estella, Diabetes, Aug 2006; 55: 2212 - 2219.

Yong Gu, J. Biol. Chem., May 1996; 271: 10816.

Jiuru Sun, J. Biol. Chem., Nov 1996; 271: 27802.

Overview

Product Name	Anti-Hamartin TSC1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Hamartin TSC1 Antibody catalog # A00365-1. Tested in WB,IHC,ICC/IF applications. This antibody reacts with Human,Mouse,Rat.
Application	IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q92574

Technical Details

Immunogen	Synthetic peptide from human Thyroglobulin protein.
Predicted Reactive Species	Canine, Monkey
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-

specific immunogen and the purity is > 95% (by SDS-PAGE).

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB: 1:500-1:1000

IHC: 1:50-1:100

ICC/IF: 1:50-1:100

Anti-Hamartin TSC1 Antibody (A00365-1) Images

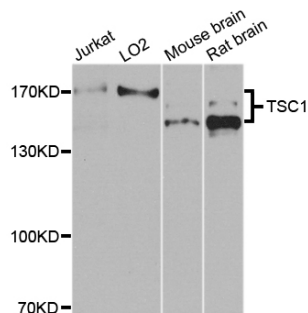


Figure 1. Western blotting validation for Anti-Hamartin TSC1 Antibody A00365-1

Western blot analysis of extracts of various cell lines

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