

Product Name: TSC1 Mouse Monoclonal Antibody
Catalog #: AMM85923



Summary

Production Name	TSC1 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Immunogen

Gene Name	TSC1
Alternative Names	Hamartin, Tuberous sclerosis 1 protein, TSC1, KIAA0243, TSC
Gene ID	7248.0
SwissProt ID	Q92574. Purified His-tagged TSC1 protein(Fragment) was used to produced this monoclonal antibody.

Application

Dilution Ratio	WB:1:500-1:1000
Molecular Weight	129.8kDa

Background

This gene encodes a growth inhibitory protein thought to

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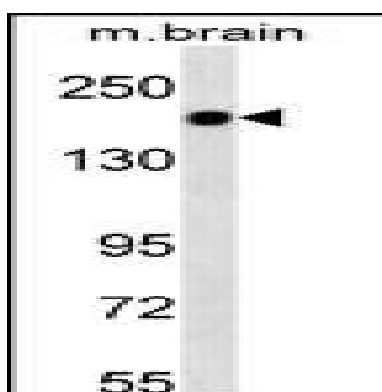


play a role in the stabilization of tuberlin. Mutations in this gene have been associated with tuberous sclerosis. Alternative splicing results in multiple transcript variants.

Research Area

PI3K-Akt signaling pathway, mTOR signaling pathway

Image Data



TSC1 antibody (Cat. #AMM85923) western blot analysis in mouse brain tissue lysates (35µg/lane). This demonstrates the TSC1 antibody detected the TSC1 protein (arrow).

Note

For research use only.