

DESCRIPTION

Species Reactivity	Mouse/Rat
Specificity	Detects mouse and rat TSC22 in direct ELISAs and Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant mouse TSC22 Met1-Ala143 Accession # P62500.2
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	Recommended Concentration	Sample
Western Blot	0.1 µg/mL	Recombinant Mouse TSC22

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Mouse TSC22 is an intracellular 18 kDa (143 aa) protein that belongs to the TSC22/Dip/Bun family of leucine zipper transcription regulators. Family members share a highly conserved central TSC box-leucine zipper domain that is important for dimerization and distinct N- and C-termini that participate in transcriptional regulation. TSC22 can homodimerize or heterodimerize with other family members to function as a repressive transcription factor. Mouse TSC22 shares 100% and 98.5% amino acid sequence homology with rat and human TSC22, respectively.