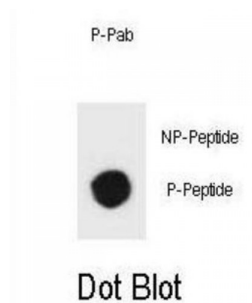


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rat TSC1 (pY297) Antibody

Catalogue No.: abx032240



In complex with TSC2, inhibits the nutrient-mediated or growth factor-stimulated phosphorylation of S6K1 and EIF4EBP1 by negatively regulating mTORC1 signaling (By similarity). Implicated as a tumor suppressor. Involved in microtubule-mediated protein transport, but this seems to be due to unregulated mTOR signaling (By similarity).

Target: TSC1 (pY297)

Reactivity: Rat

Host: Rabbit

Clonality: Polyclonal

Tested Applications: DB

Recommended dilutions: Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Rat TSC1 (phospho-Tyr297).

Purification: Peptide Affinity Purified Rabbit Polyclonal Antibody.

Isotype: IgG

Conjugation: Unconjugated

Specificity: This rat TSC1 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding Y297 of rat TSC1.

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Swiss Prot: [Q9Z136](#)

Buffer: PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by two-step phosphospecific peptide affinity purification.

Note: This product is for research use only.