

## Phospho-mouse TSC1(S312) Antibody

Catalog_no :	AB2180
Reactivity :	M
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	MOUSE
Specificity :	This mouse TSC1 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S312 of mouse TSC1.
Dilution :	DB,1:500;
Purification :	Purified polyclonal antibody supplied in 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.
Other_name :	Hamartin, Tuberous sclerosis 1 protein homolog, Tsc1, Kiaa0243
Isotype :	Rabbit Ig
Background :	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).
reference :	Kladney, R.D., et al. Cancer Res. 70(21):8937-8947(2010) Sathaliyawala, T., et al. Immunity 33(4):597-606(2010) Scott, C.L., et al. Am. J. Physiol. Lung Cell Mol. Physiol. 299 (4), L455-L471 (2010) : Bartolome, A., et al. Endocrinology 151(7):3084-30