

# Tuberin/TSC2 (phospho-Ser1254) rabbit pAb

Cat No.:ES12498

For research use only

## Overview

Product Name	Tuberin/TSC2 (phospho-Ser1254) rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:1000-2000
Immunogen	Synthesized phospho peptide around human Tuberin(Ser1254)
Specificity	This antibody detects endogenous levels of Human Mouse Rat Tuberin/TSC2 (phospho-Ser1254)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Tuberin/TSC2 (Ser1254)
Gene Name	TSC2 TSC4
Cellular localization	Cytoplasm. Membrane; Peripheral membrane protein. At steady state found in association with membranes.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	200kD
Human Gene ID	7249
Human Swiss-Prot Number	P49815
Alternative Names	Tuberin (Tuberous sclerosis 2 protein)
Background	Mutations in this gene lead to tuberous sclerosis complex. Its gene product is believed to be a tumor suppressor and is able to stimulate specific GTPases. The protein associates with hamartin in a cytosolic complex, possibly acting as a chaperone for hamartin. Alternative splicing results in multiple transcript variants encoding different isoforms.





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