Order: order@ebiocell.com
TEL: (540)808-3925
Supprt: tech@ebiocell.com
Web: www.ebiocell.com

Phospho-Tuberin/TSC2 (Ser1254) Rabbit Polyclonal Antibody

Catalog #: EAB13193

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Rabbit IgG	Polyclonal	WB	200	Human, Mouse, Rat

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB(Western Blotting)	1:500-2000

Product Information

Conjugate	Unconjugate
Specificity	Phospho-Tuberin/TSC2 (Ser1254) Rabbit Polyclonal Antibody detects endogenous levels of Tuberin/TSC2 only when phosphorylated at Ser1254.
Purification	Affinity purification
Concentration	1mg/ml
Format	Liquid
Formulation	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol
Shipping	Gel Pack
Storage	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks
UniProt ID	P49815
Entrez-Gene Id	7249

Product Descriotion

Tuberous sclerosis complex (TSC) is an autosomal dominant genetic disorder characterized by mental retardation and the widespread development of distinctive tumors termed hamartomas. Two different genetic loci have been linked to TSC; one of these loci, the tuberous sclerosis-2 gene (TSC2), encodes a protein called tuberin and the other loci, tuberous sclerosis-1 gene (TSC1), encodes a protein called hamartin. Tuberin and hamartin interact with each other forming a cystoplasmic complex. Hamartin interacts with the ezrin-radixin-moesin (ERM) family of actin-binding proteins and inhibition of hamartin activity results in loss of cell adhesion. Hamartin is present in most adult tissues with strong expression in brain, heart, and kidney.

For Reserch Use Only. Not For Use In Diagnostic Procedures