

Tuberin (phospho Tyr1571) Polyclonal Antibody

Catalog No: #13462

Package Size: #13462-1 50ul #13462-2 100ul

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Description

Product Name	Tuberin (phospho Tyr1571) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-Tuberin (Y1571) Polyclonal Antibody detects endogenous levels of Tuberin protein only when phosphorylated at Y1571.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human TSC2 around the phosphorylation site of Tyr1571. AA range:1537-1586
Conjugates	Unconjugated
Other Names	TSC2; TSC4; Tuberin; Tuberous sclerosis 2 protein
Accession No.	Swiss Prot:P49815GeneID:7249
SDS-PAGE MW	170
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

Background

tuberous sclerosis 2(TSC2) Homo sapiens 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. [provided by RefSeq, Jul 2008],

Note: This product is for in vitro research use only and is not intended for use in humans or animals.