

Product Datasheet

Phospho-Tuberin (T1462) Antibody

Catalog No: CY8947

Reactivity: Human, Mouse

Isotype: Rabbit IgG

Applications: WB, IHC



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Information

UniProt ID: P49815

All Names: LAM; PPP1R160; Protein phosphatase 1, regulatory subunit 160; tsc2; TSC4; TSC4, formerly; Tuberin; Tuberous sclerosis 2;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 200kDa

Application

WB 1:500~1:2000

IHC 1:50~1:200

Background

In complex with TSC1, inhibits the nutrient-mediated or growth factor-stimulated phosphorylation of S6K1 and EIF4EBP1 by negatively regulating mTORC1 signaling. Acts as a GTPase-activating protein (GAP) for the small GTPase RHEB, a direct activator of the protein kinase activity of mTORC1.

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