

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Hamartin



Numéro de catalogue: 20988-1-AP

Phare

9 Publications

Informations de base

Numéro de catalogue:
20988-1-AP

Taille:
150ul, Concentration: 550 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Numéro d'acquisition GenBank:
NM_000368

Identification du gène (NCBI):
7248

Nom complet:
tuberous sclerosis 1

MW calculé
130 kDa

MW observés:

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000

Applications

Applications testées:
IF, WB, ELISA

Demandes citées:
IHC, IP, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, souris

Contrôles positifs:

WB : cellules HeLa,

Informations générales

TSC1, also named as KIAA0243 and TSC, is implicated as a tumor suppressor. It is involved in microtubule-mediated protein transport, but this seems to be due to unregulated mTOR signaling. In complex with TSC2, TSC1 inhibits the nutrient-mediated or growth factor-stimulated phosphorylation of S6K1 and EIF4EBP1 by negatively regulating mTORC1 signaling. It seems not to be required for TSC2 GAP activity towards RHEB. It is involved in microtubule-mediated protein transport, but this seems to be due to unregulated mTOR signaling. Defects in TSC1 are the cause of tuberous sclerosis complex (TSC). Defects in TSC1 may be a cause of focal cortical dysplasia of Taylor balloon cell type (FCDBC). The antibody is specific to TSC1. This antibody can recognize two isoforms: 70 kDa (667aa) and 130 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Hao Tang	34520980	Biochem Biophys Res Commun	WB, IHC, IP
Jiexuan Wang	32585629	Mol Ther Nucleic Acids	WB
Jiqian Zhang	32308756	Theranostics	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20°C

*** Les 20ul contiennent 0,1% de BSA.

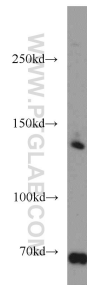
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

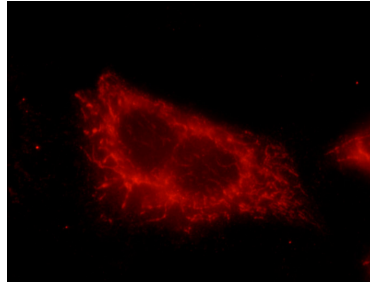
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



HeLa cells were subjected to SDS PAGE followed by western blot with 20988-1-AP (hamartin antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HeLa cells using 20988-1-AP (hamartin antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.