

Nur für Forschungszwecke

Hamartin Polyklonaler Antikörper

Katalog-Nr.: 20988-1-AP

Vorgestelltes Produkt

8 Publikationen



Allgemeine Informationen

Katalog-Nr.:
20988-1-AP

Größe:
150ul, Konzentration: 550 µg/ml von
Nanodrop und 400 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

GenBank-Zugangsnummer:
NM_000368

GeneID (NCBI):
7248

Vollständiger Name:
tuberous sclerosis 1

Berechnete Masse:
130 kDa

Beobachtete Masse:

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:500-1:2000

Anwendungen

Geprüfte Anwendungen:

IF, WB, ELISA

In Publikationen genannte Anwendungen:

IHC, IP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus

Positivkontrollen:

WB: HeLa-Zellen,

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

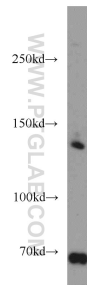
For technical support and original validation data for this product please contact:

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

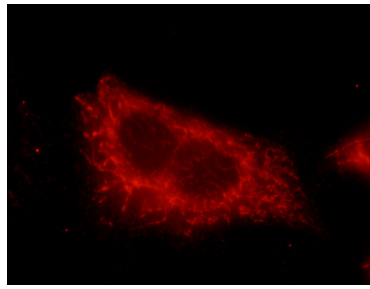
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



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.