

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-TUSC2



Numéro de catalogue: 11538-1-AP

2 Publications

Informations de base

Numéro de catalogue:

11538-1-AP

Taille:

150ul, Concentration: 147 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG2118

Numéro d'acquisition GenBank:

BC023976

Identification du gène (NCBI):

11334

Nom complet:

tumor suppressor candidate 2

MW calculé

12 kDa

MW observés:

10-12 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:300-1:2000

IHC 1:20-1:200

IF 1:20-1:200

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu cardiaque humain, tissu pancréatique de souris

IHC : tissu de cancer du poumon humain, tissu de cancer du côlon humain

IF : cellules A549,

Informations générales

FUS1 (or TUSC2) gene is a highly conserved lung cancer candidate gene, which was identified in the 120 kb 3p21.3 critical region contained in nested lung and breast cancer homozygous deletions. Overexpression of FUS1 gene leads to G1 arrest and growth inhibition of lung cancer cells (PMID: 11593436). The encoded Fusion-1 protein was down-regulated, mutated or lost in the majority of inflammatory thoracic malignancies. It has been evidenced that Fusion-1 establishes its immune- and tumour-suppressive activities via regulation of mitochondrial homeostasis (PMID: 22513871). In addition, myristoylation is found to be required for Fusion-1-mediated tumor-suppressing activity and suggest a novel mechanism for the inactivation of tumor suppressors in lung cancer and a role for deficient posttranslational modification in tumor suppressor-gene-mediated carcinogenesis (PMID: 15126327).

Publications notables

Autrice	Pubmed ID	Journal	Application
Francesca Maria Orlandella	27661106	Oncotarget	WB,IHC
Tadas K Rimkus	35167936	Cancer Lett	WB,IHC,IF

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 -20C

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

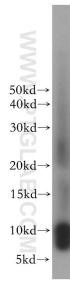
For technical support and original validation data for this product please contact:

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

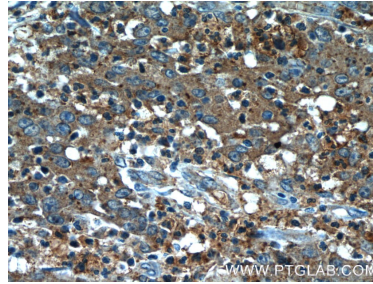
E: proteintech@ptglab.com
W: ptglab.com

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

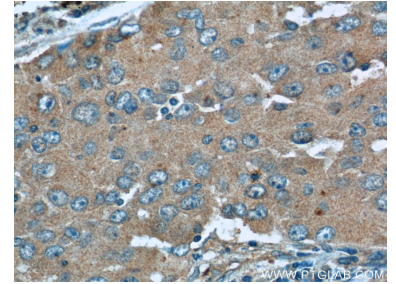
Données de validation sélectionnées



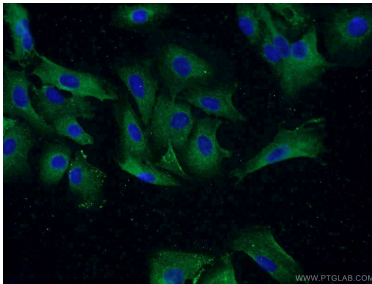
human heart tissue were subjected to SDS PAGE followed by western blot with 11538-1-AP (TUSC2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 11538-1-AP (TUSC2 Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 11538-1-AP (TUSC2 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of A549 cells using 11538-1-AP (TUSC2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).