

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti- ACTN4



Numéro de catalogue: 19096-1-AP

Phare

16 Publications

Informations de base

Numéro de catalogue:
19096-1-AP

Taille:
150ul, Concentration: 800 µg/ml by
Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG13546

Numéro d'acquisition GenBank:
BC005033

Identification du gène (NCBI):
81

Nom complet:
actinin, alpha 4

MW calculé
105 kDa

MW observés:
100-105 kDa

Méthode de purification:
Purification par affinité contre
l'antigène

Dilutions recommandées:
WB 1:5000-1:50000
IP 0.5-4.0 ug for IP and 1:500-1:2000
for WB
IHC 1:50-1:500
IF 1:10-1:100

Applications

Applications testées:
FC, IF, IHC, IP, WB, ELISA

Demandes citées:
CoIP, ELISA, IF, IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6.0.

Contrôles positifs:

WB : cellules HEK-293T, cellules C2C12, cellules HeLa, cellules Jurkat, cellules NIH/3T3, muscle squelettique de rat, muscle squelettique de souris, tissu hépatique de souris

IP : cellules HeLa,

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

IF : cellules MCF-7, cellules HeLa

Informations générales

ACTN4 (alpha actinin 4) is a ubiquitous actin-binding protein that cross-links actin filaments into bundles to form filopodia, and has a crucial role in cytoskeletal organization. ACTN4 is colocalized with actin stress fibers and is dispersed in the cytoplasm and in the nucleus. Increased levels of ACTN4 have been associated with cancer metastasis, indicating its implication in cancer cell migration and metastasis. Defects in ACTN4 cause glomerular disease. This antibody recognizes 100-105 kDa of endogenous ACTN4 protein in various lysates. (23270640, 10700177)

Publications notables

Autrice	Pubmed ID	Journal	Application
Ming-Chuan Wang	25299231	J Thorac Oncol	ELISA
Qiang Wang	34606417	Bioengineered	WB
Hongfei Ge	27874083	Sci Rep	WB,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.

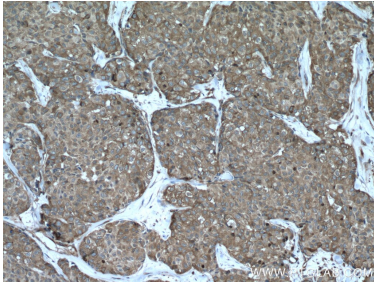
For technical support and original validation data for this product please contact:

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

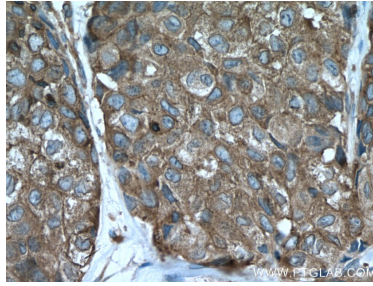
E: proteintech@ptglab.com
W: ptglab.com

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

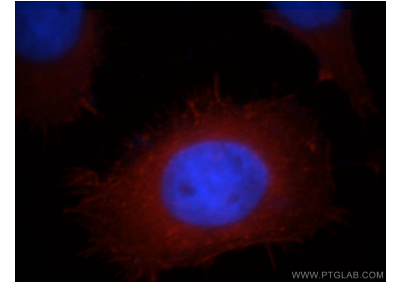
Données de validation sélectionnées



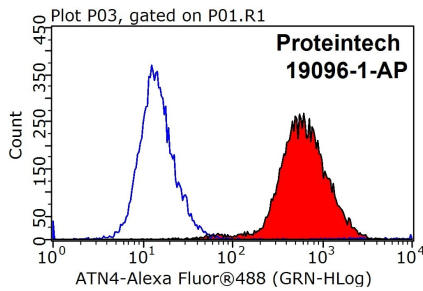
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 19096-1-AP (ACTN4 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



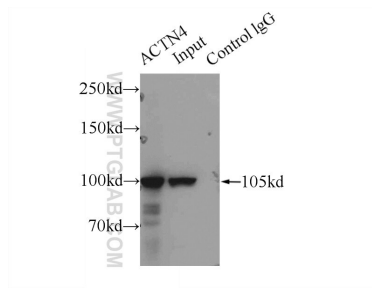
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 19096-1-AP (ACTN4 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



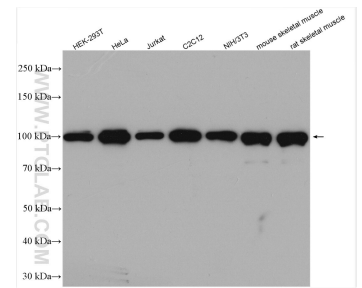
Immunofluorescent analysis of MCF-7 cells, using ACTN4 antibody 19096-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



1X10⁶ HeLa cells were stained with 0.2ug ACTN4 antibody (19096-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.



IP Result of anti-ACTN4 (IP:19096-1-AP, 5ug; Detection:19096-1-AP 1:1000) with HeLa cells lysate 3000ug.



Various lysates were subjected to SDS PAGE followed by western blot with 19096-1-AP (ACTN4) antibody at dilution of 1:25000 incubated at room temperature for 1.5 hours.