

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-AKAP1



Numéro de catalogue: 15618-1-AP

2 Publications

Informations de base

Numéro de catalogue:

15618-1-AP

Taille:

150ul, Concentration: 450 µg/ml by Nanodrop and 240 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG8037

Numéro d'acquisition GenBank:

BC000729

Identification du gène (NCBI):

8165

Nom complet:

A kinase (PRKA) anchor protein 1

MW calculé

97 kDa

MW observés:

149 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

IP 0.5-4.0 ug for IP and 1:1000-1:4000 for WB

IHC 1:50-1:500

IF 1:10-1:100

Applications

Applications testées:

FC, IF, IHC, IP, WB, ELISA

Demandes citées:

IF, IP, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain

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 : cellules HeLa, cellules MCF-7, cellules PC-3, tissu hépatique humain

IP : cellules PC-3,

IHC : tissu de cancer du poumon humain, tissu de cancer de la prostate humaine, tissu de cancer du côlon humain, tissu d'intestin grêle humain

IF : cellules MCF-7,

Informations générales

AKAP1 (also termed AKAP149) is a human 149 kDa anchoring protein localized in mitochondria and the endoplasmic reticulum/nuclear envelope (ER-NE) network. It binds to type I and II regulatory subunits of protein kinase A and anchors them to the cytoplasmic face of the mitochondrial outer membrane. This protein is speculated to be involved in the cAMP-dependent signal transduction pathway and in directing RNA to a specific cellular compartment.

Publications notables

Autrice	Pubmed ID	Journal	Application
Wenxian Wu	27145933	EMBO J	WB
Grozdanov Petar N PN	23077346	Mol Endocrinol	WB,IP,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.

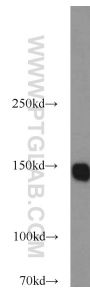
For technical support and original validation data for this product please contact:

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

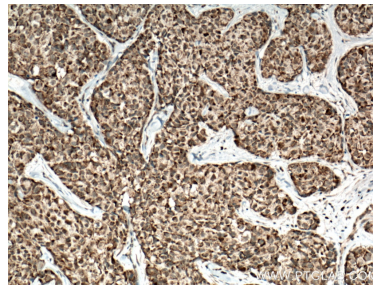
E: proteintech@ptglab.com
W: ptglab.com

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

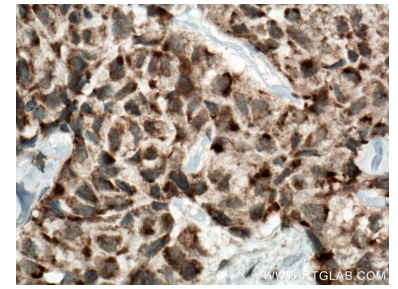
Données de validation sélectionnées



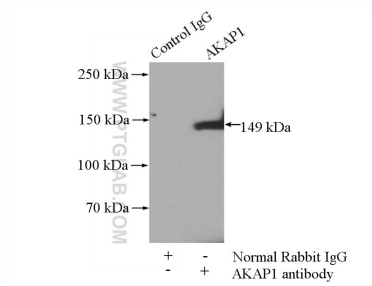
HeLa cells were subjected to SDS PAGE followed by western blot with 15618-1-AP (AKAP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



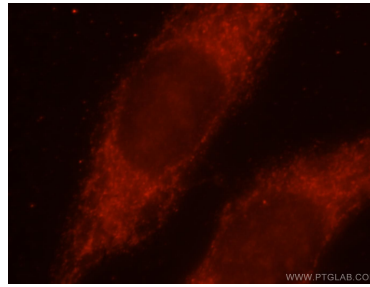
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 15618-1-AP (AKAP1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



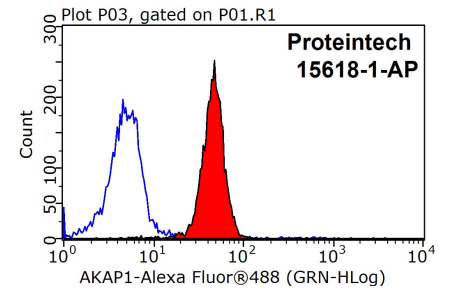
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 15618-1-AP (AKAP1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-AKAP1 (IP:15618-1-AP, 4ug; Detection:15618-1-AP 1:2000) with PC-3 cells lysate 1800ug.



Immunofluorescent analysis of MCF-7 cells, using AKAP1 antibody 15618-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



1X10⁶ MCF-7 cells were stained with 0.2ug AKAP1 antibody (15618-1-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 1:1500.