

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-CA9



Numéro de catalogue: 11071-1-AP

Phare

32 Publications

Informations de base

Numéro de catalogue:

11071-1-AP

Taille:

150ul, Concentration: 1000 µg/ml by 768

Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG1540

Numéro d'acquisition GenBank:

BC014950

Identification du gène (NCBI):

768

Nom complet:

carbonic anhydrase IX

MW calculé

459 aa, 50 kDa

MW observés:

60-70 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:4000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IHC 1:50-1:500

Applications

Applications testées:

FC, IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB : cellules A549, cellules HEK-293, cellules HeLa, tissu cérébral de souris

IP : tissu hépatique de souris,

IHC : tissu d'estomac humain, tissu de carcinome à cellules rénales humain

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.

Informations générales

CA9 (Carbonic anhydrase 9) may be involved in the control of cell proliferation and transformation and appears to be a novel specific biomarker for a cervical neoplasia (PMID:18703501). It is a tumor-associated antigen that has been shown to have diagnostic utility in identifying cervical dysplasia and carcinoma. The protein is present both on the plasma membrane and in the nucleus of cells and has the molecular weight of 70 kDa (PMID: 31819036).

Publications notables

Autrice	Pubmed ID	Journal	Application
Pan-Ling Xu	34597654	J Ethnopharmacol	WB
Hirromichi Iwashita	28960644	Pathol Int	IHC
Xue Wang	33111989	Thorac Cancer	WB,IHC

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.**

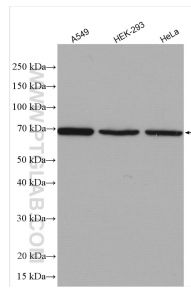
For technical support and original validation data for this product please contact:

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

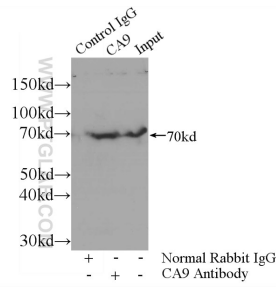
E: proteintech@ptglab.com
W: ptglab.com

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

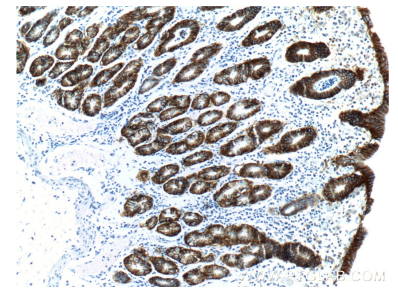
Données de validation sélectionnées



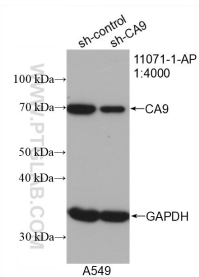
Various lysates were subjected to SDS PAGE followed by western blot with 11071-1-AP (CA9 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



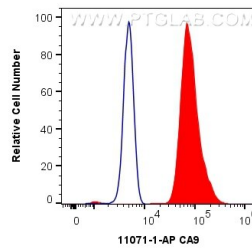
IP Result of anti-CA IX (IP:11071-1-AP, 4ug; Detection:11071-1-AP 1:500) with mouse liver tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 11071-1-AP (CA IX antibody at dilution of 1:50 (under 10x lens).



WB result of CA9 antibody (11071-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CA9 transfected A549 cells.



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug Anti-Human CA9 (11071-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Isotype Control. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).