

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-CA13



Numéro de catalogue: 16696-1-AP

1 Publications

Informations de base

Numéro de catalogue:

16696-1-AP

Taille:

150ul, Concentration: 240 µg/ml by Nanodrop and 173 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG10086

Numéro d'acquisition GenBank:

BC052602

Identification du gène (NCBI):

377677

Nom complet:

carbonic anhydrase XIII

MW calculé

262 aa, 29 kDa

MW observés:

30 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:3000

IHC 1:20-1:200

IF 1:50-1:500

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IF

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

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 : cellules NIH/3T3, tissu de muscle squelettique de souris

IHC : tissu placentaire humain, tissu cardiaque humain, tissu rénal humain, tissu splénique humain, tissu testiculaire humain

IF : cellules NIH/3T3,

Informations générales

Carbonic anhydrases (CAs) are zinc-containing metalloenzymes that catalyze reversible hydration of carbon dioxide. The mammalian α -CA gene family has been reported to include at least eleven enzymatically active isoforms with different structural and catalytic properties. Four of the active CA isozymes are cytosolic (CA I, II, III, and VII), four are membrane-associated (CA IV, IX, XII, and XIV), two are mitochondrial (CA VA and VB), and one is a secretory form (CA VI). CA13 is a cytosolic protein that may play a role in embryogenesis and perturbation of its function by genetic modification could potentially lead to developmental abnormalities (PMID:14600151).

Publications notables

Autrice	Pubmed ID	Journal	Application
Jin-Young Koh	37322474	BMC Med Genomics	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.

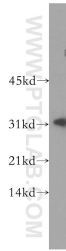
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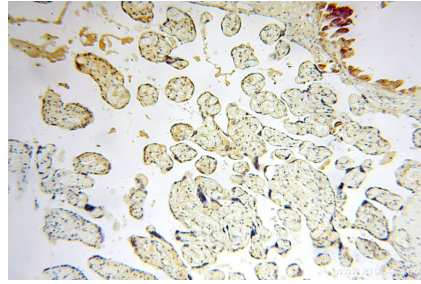
E: proteintech@ptglab.com
W: ptglab.com

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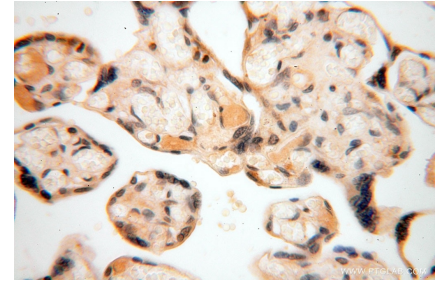
Données de validation sélectionnées



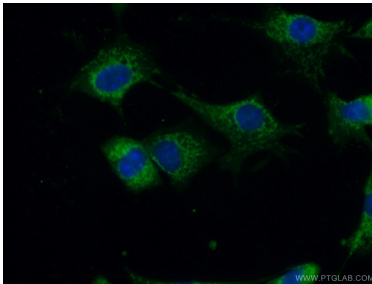
NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 16696-1-AP (CA13 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta using 16696-1-AP (CA13 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human placenta using 16696-1-AP (CA13 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of (10% Formaldehyde) fixed NIH/3T3 cells using 16696-1-AP (CA13 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).