

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-HYAL2



Numéro de catalogue: 15115-1-AP

Phare

4 Publications

Informations de base

Numéro de catalogue:

15115-1-AP

Taille:

150ul, Concentration: 627 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG7157

Numéro d'acquisition GenBank:

BC000692

Identification du gène (NCBI):

8692

Nom complet:

hyaluronoglucosaminidase 2

MW calculé

54 kDa

MW observés:

54-60 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

IHC 1:50-1:500

IF 1:10-1:100

Applications

Applications testées:

FC, 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 de souris, cellules HeLa, cellules Raji, tissu hépatique de souris

IHC : tissu de cancer du poumon humain,

IF : cellules HeLa,

Informations générales

Hyaluronic acid (HA) is a glycosaminoglycan that is believed to have numerous important biologic functions, including modulation of cell proliferation, migration, and differentiation, as well as the regulation of extracellular water and protein homeostasis. It is also an integral structural component of cartilage and other tissues and acts as a lubricant in joints. Hyaluronidases are a family of enzymes that catalyze the degradation of HA. In humans, there are five functional hyaluronidases: HYAL1, HYAL2, HYAL3, HYAL4 and HYAL5 (also known as SPAM1 or PH-20); plus a pseudogene, HYAL6 (also known as HYALP1). HYAL2 is present in many tissues except the adult brain (PMID: 11731268). HYAL2 can be exposed to cell surfaces that bind to the plasma membrane via GPI anchors (PMID: 11731268).

Publications notables

Autrice	Pubmed ID	Journal	Application
James Fasham	34906488	Genet Med	WB,IF
Martina M A Muggenthaler	28081210	PLoS Genet	WB
Keiichi Hiramoto	32860472	Dermatol Ther	WB

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.

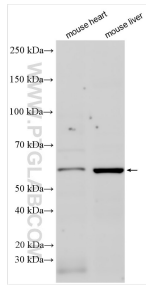
For technical support and original validation data for this product please contact:

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

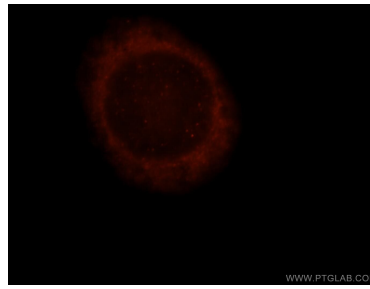
E: proteintech@ptglab.com
W: ptglab.com

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

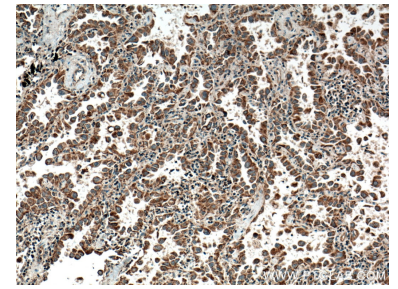
Données de validation sélectionnées



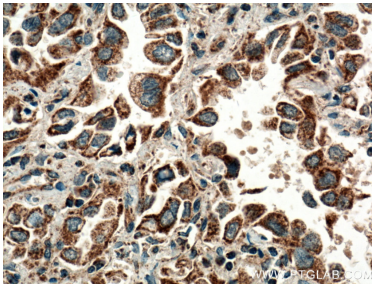
Various lysates were subjected to SDS PAGE followed by western blot with 15115-1-AP (HYAL2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



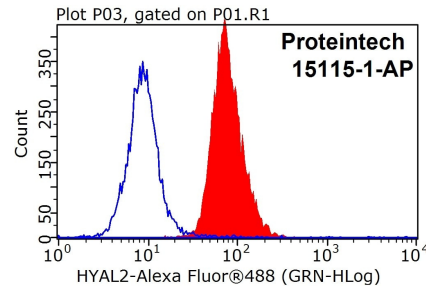
Immunofluorescent analysis of HeLa cells, using HYAL2 antibody 15115-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 15115-1-AP (HYAL2 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 15115-1-AP (HYAL2 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1x10⁶ HeLa cells were stained with 0.2ug HYAL2 antibody (15115-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). FITC-Goat anti-Rabbit IgG with dilution 1:100.