À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Granulin

proteintech®
Antibodies | ELISA kits | Proteins
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Numéro de catalogue:10053-1-AP 2 Publications

Informations de base

Numéro de catalogue:
10053-1-AP

Taille:
150ul , Concentration: 1500 μg/ml by Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG0010

Numéro d'acquisition GenBank:
BC010577

Identification du gène (NCBI):
2896

Nom complet:
granulin

MW calculé
64 kDa

MW observés:
64 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:1000
IHC 1:50-1:500

Applications

Applications testées:
IHC, WB, ELISA

Demandes citées:
IF, IHC

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; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules A431, cellules HEK-293, cellules MCF-7

IHC : tissu de cancer du côlon humain, tissu de cancer du foie humain

Informations générales

GRN, also known as PGRN or PCDGF, is a cysteine-rich protein of 68.5 kDa that is typically secreted into a highly glycosylated 88 kDa form. PGRN is a unique growth factor that plays an important role in cutaneous wound healing. It has an anti-inflammatory effect and promotes cell proliferation. When PCDGF is degraded to several 6-25 kDa fragments, called granulins (GRNs) by neutrophil proteases, a pro-inflammatory reaction occurs. PGRN is widely expressed, particularly in epithelial cells, immune cells, neurons, and chondrocytes. High levels of PGRN expression have been reported in human cancers, and its expression is closely correlated with the development and metastasis of several cancers. The recent discovery that mutations in the gene encoding for pro-granulin (GRN) cause frontotemporal lobar degeneration (FTLD), and other neurodegenerative diseases leading to dementia, has brought renewed interest in progranulin and its functions in the central nervous system.

Publications notables

Autrice	Pubmed ID	Journal	Application
Guanshen Cui	37084418	Cell Prolif	IF
Chen Xiang-yu XY	18706200	Chin Med J (Engl)	IHC

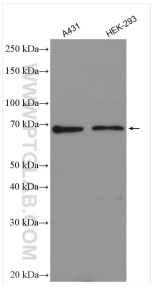
Stockage

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

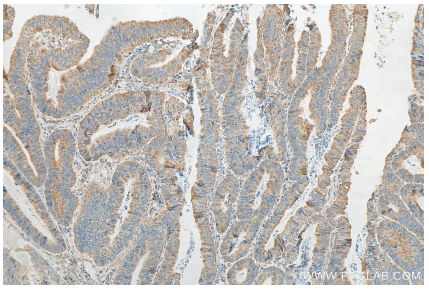
*** Les 20ul contiennent 0,1% de BSA.

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

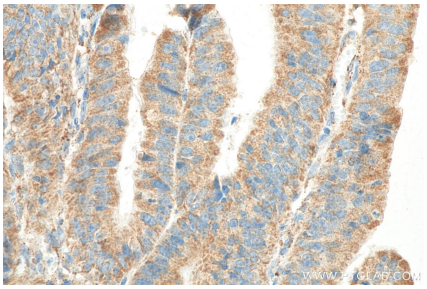
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 10053-1-AP (Granulin antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10053-1-AP (Granulin 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 colon cancer tissue slide using 10053-1-AP (Granulin antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).