

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-CDK5RAP3



Numéro de catalogue: 11007-1-AP

Phare

1 Publications

Informations de base

Numéro de catalogue:

11007-1-AP

Taille:

150ul, Concentration: 600 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG1474

Numéro d'acquisition GenBank:

BC009957

Identification du gène (NCBI):

80279

Nom complet:

CDK5 regulatory subunit associated protein 3

MW calculé

57 kDa

MW observés:

65 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:2000-1:12000

IHC 1:50-1:500

IF 1:50-1:500

Applications

Applications testées:

FC, IF, IHC, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain

Espèces citées:

bovin, 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 A431, cellules HEK-293, cellules HEK-293T, cellules HeLa, cellules Jurkat

IHC : tissu d'estomac humain, tissu pancréatique humain

IF : cellules HepG2, tissu hépatique humain

Informations générales

Cyclin-dependent kinase 5 (CDK5) regulatory subunit associated protein 3 (CDK5RAP3, also named as C53 or LZAP) was initially identified as a binding protein of CDK5 activator p35. CDK5RAP3 is widely expressed in human tissues and broadly located in subcellular compartments. By interacting with other proteins, CDK5RAP3 participates in the regulation of multiple cellular processes including cell cycle, apoptosis, cell invasion, signaling transduction, autophagy, UFMylation and endoplasmic reticulum (ER) stress.

Publications notables

Autrice	Pubmed ID	Journal	Application
Yangyang Shen	33182370	Int J Mol Sci	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.

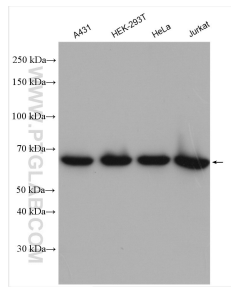
For technical support and original validation data for this product please contact:

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

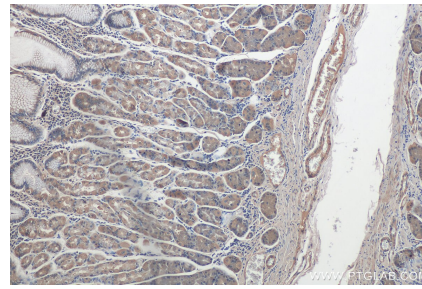
E: proteintech@ptglab.com
W: ptglab.com

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

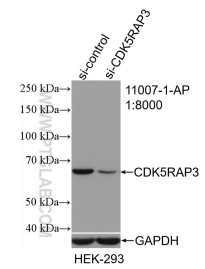
Données de validation sélectionnées



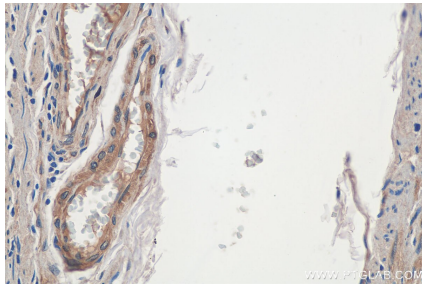
Various lysates were subjected to SDS PAGE followed by western blot with 11007-1-AP (CDK5RAP3 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



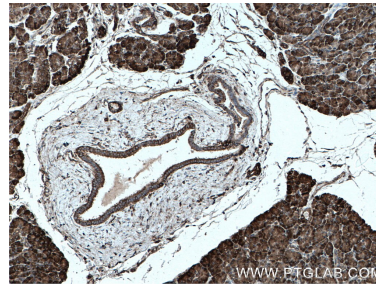
Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 11007-1-AP (CDK5RAP3 antibody) at dilution of 1:200 (under 10x lens).



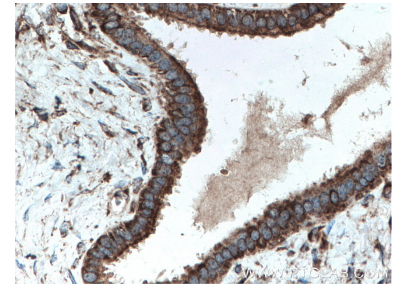
WB result of CDK5RAP3 antibody (11007-1-AP; 1:8000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CDK5RAP3 transfected HEK-293 cells.



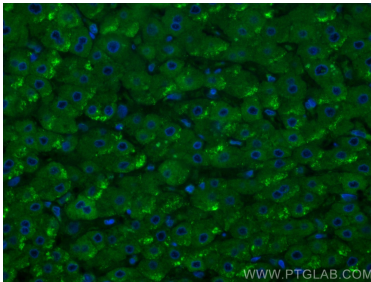
Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 11007-1-AP (CDK5RAP3 antibody) at dilution of 1:200 (under 40x lens).



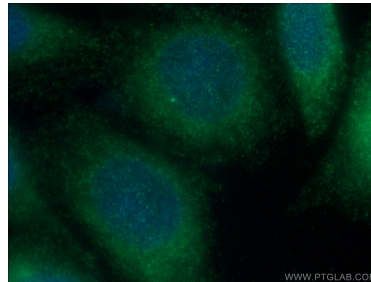
Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 11007-1-AP (CDK5RAP3 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



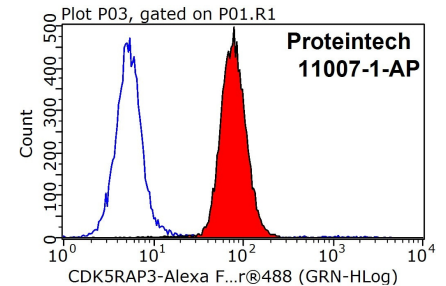
Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 11007-1-AP (CDK5RAP3 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human liver tissue using CDK5RAP3 antibody (11007-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 11007-1-AP (CDK5RAP3 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10⁶ HepG2 cells were stained with 0.2ug CDK5RAP3 antibody (11007-1-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 1:1000.