

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-iASPP



Numéro de catalogue: 18590-1-AP

Phare

4 Publications

Informations de base

Numéro de catalogue:
18590-1-AP

Taille:
150ul, Concentration: 650 µg/ml by Nanodrop and 320 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG13273

Numéro d'acquisition GenBank:
BC064913

Identification du gène (NCBI):
10848

Nom complet:
protein phosphatase 1, regulatory (inhibitor) subunit 13 like

MW calculé:
89 kDa

MW observés:
110 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 1:500-1:2000 for WB
IHC 1:400-1:1600
IF 1:10-1:100

Applications

Applications testées:
IF, IHC, IP, WB, ELISA

Demandes citées:
IF, IP, 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 : cellules NIH/3T3, cellules C6, cellules HeLa apoptosées, cellules MCF-7, cellules PC-3

IP : cellules PC-3,

IHC : tissu de cancer du sein humain,

IF : cellules MCF-7,

Informations générales

Inhibitor of apoptosis-stimulating protein of p53 (iASPP), encoded by PPP1R13L gene, is often overexpressed in human cancers. The ASPP family includes three members, namely ASPP1, ASPP2, and iASPP, which are specific regulators of p53-, p63-, and p73-mediated apoptosis. ASPP1 and ASPP2 enhance the apoptotic function of p53, whereas iASPP specifically inhibits p53-mediated apoptosis. Overexpression of iASPP is associated with resistance to cisplatin-induced apoptosis and radiation therapy. iASPP plays a pivotal role in regulating cancer cell proliferation and tumor progression. This antibody could both recognize unphosphorylated and phosphorylated iASPP.

Publications notables

Autrice	Pubmed ID	Journal	Application
Timur Yagudin	33128543	Acta Biochim Biophys Sin (Shanghai)	WB
Aurélie Mangon	34705028	J Cell Biol	WB,IP
Kun Gao	29743530	Cell Death Dis	WB,IP,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.

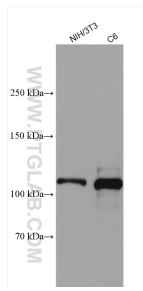
For technical support and original validation data for this product please contact:

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

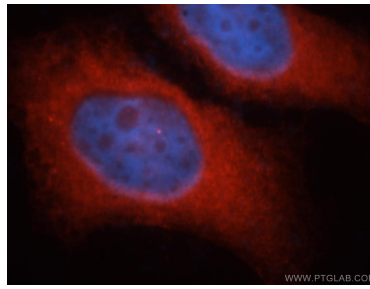
E: proteintech@ptglab.com
W: ptglab.com

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

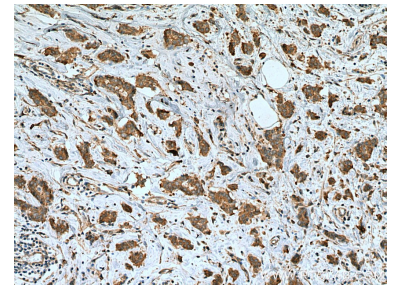
Données de validation sélectionnées



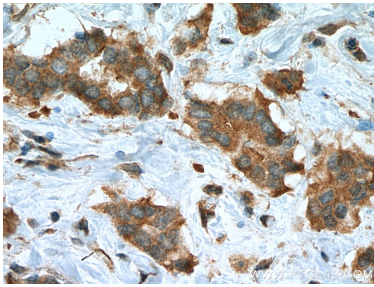
Various lysates were subjected to SDS PAGE followed by western blot with 18590-1-AP (iASPP antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



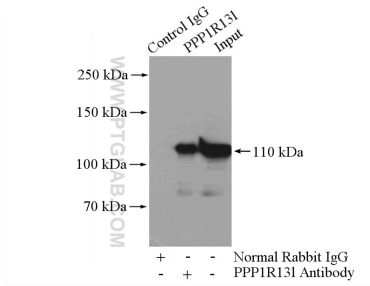
Immunofluorescent analysis of MCF-7 cells, using PPP1R13L antibody 18590-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 18590-1-AP (iASPP antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 18590-1-AP (iASPP antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-iASPP (IP:18590-1-AP, 4ug; Detection:18590-1-AP 1:1000) with PC-3 cells lysate 1040ug.