

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-HSP27



Numéro de catalogue: 18284-1-AP

Phare

31 Publications

Informations de base

Numéro de catalogue: 18284-1-AP	Numéro d'acquisition GenBank: BC012768	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 700 µg/ml by Nanodrop;	Identification du gène (NCBI): 3315	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:50-1:500 IF 1:50-1:500
Hôte: Lapin	Nom complet: heat shock 27kDa protein 1	
Isotype: IgG	MW calculé: 19-23 kDa	
Immunogen Catalog Number: AG13161	MW observés: 27 kDa	

Applications

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

Demandes citées:
ELISA, IF, IHC, IP, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, porc, rat, souris, fish

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 A549, cellules C6, cellules HeLa, cellules HepG2, cellules U2OS, tissu hépatique de souris

IHC : tissu de cancer du poumon humain, tissu de cancer du foie humain, tissu de gliome humain

IF : cellules HeLa, cellules MCF-7

Informations générales

HSPB1, also known as heat shock protein 27 (HSP27), belongs to the small heat shock protein family which is induced in response to environmental challenges or/and developmental transitions. It is also an anti-apoptotic protein that plays crucial roles in tumorigenesis and cell survival and is reported to be an independent prognosis marker for cancer. Recently HSPB1 has been found to be a valuable marker for melanoma. In addition to the predicted 27 kDa, an extra 50-55 kDa representing dimeric form of HSPB1 may also be observed (PMID: 21353161). It's notable that mouse HSP27 is also named HSP25 and has the predicted MW between 19-23 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Yini Dang	36297287	Pharmaceuticals (Basel)	WB
Folnetti A Alvarez	36114323	Breast Cancer Res Treat	WB
Ying Wang	31492751	J Biol Chem	WB

Stockage

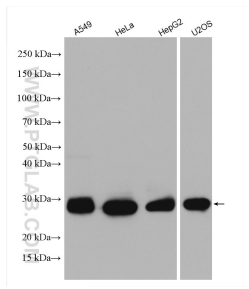
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

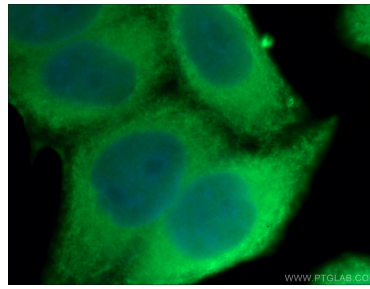
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

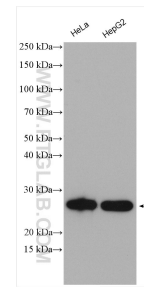
Données de validation sélectionnées



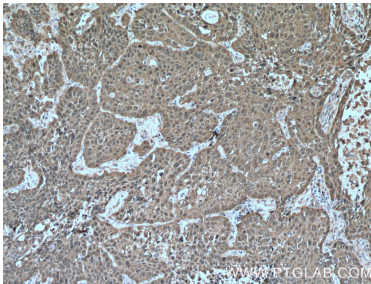
Various lysates were subjected to SDS PAGE followed by western blot with 18284-1-AP (HSP27 antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.



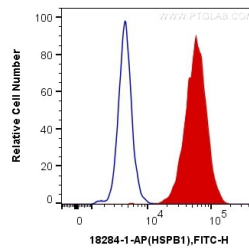
Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 18284-1-AP (HSP27 antibody) at dilution of 1:100 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



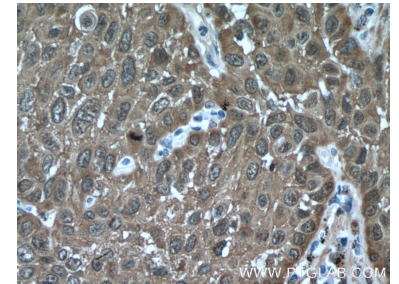
Various lysates were subjected to SDS PAGE followed by western blot with 18284-1-AP (HSP27 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 18284-1-AP (HSP27 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ MCF-7 cells were intracellularly stained with 0.5 ug Anti-Human HSP27 (18284-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.5 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 18284-1-AP (HSP27 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).