

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-HSPA4



Numéro de catalogue: 21206-1-AP

4 Publications

Informations de base

Numéro de catalogue:

21206-1-AP

Taille:

150ul, Concentration: 450 µg/ml by Nanodrop and 253 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG15581

Numéro d'acquisition GenBank:

BC110861

Identification du gène (NCBI):

3308

Nom complet:

heat shock 70kDa protein 4

MW calculé

840 aa, 94 kDa

MW observés:

110 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

IP 0.5-4.0 µg for IP and 1:500-1:2000 for WB

IHC 1:20-1:200

IF 1:10-1:100

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

ELISA, WB

Spécificité de l'espèce:

Humain, rat, singe, 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 C6, cellules NIH/3T3, tissu cérébral de rat, tissu cérébral de souris, tissu testiculaire de souris

IP : tissu cérébral de souris,

IHC : tissu de cancer du côlon humain, tissu de cancer du pancréas humain, tissu de cancer du sein humain

IF : cellules HepG2,

Informations générales

HSPA4 (also known as Apg-2, HSP70RY) is a 110 kDa cytosolic protein, a member of the heat-shock protein 110 (HSP110) subfamily of HSP70 proteins which are highly conserved chaperons implicated in protein folding, protein refolding, protein transport, and protein targeting. HSPA4 is ubiquitously expressed and its expression is not heat inducible. Overexpression of HSPA4 has been reported in some leukemia and solid tumors. This antibody well recognized the endogenous HSPA4 protein in mouse brain/ testis tissues. (PMID: 21487003)

Publications notables

Autrice	Pubmed ID	Journal	Application
Lingjun Jiang	33746584	Int J Med Sci	WB
Yang Yang	27592453	Int J Biochem Cell Biol	WB
Yuan-Qin Min	37211047	Mol Cell Proteomics	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.

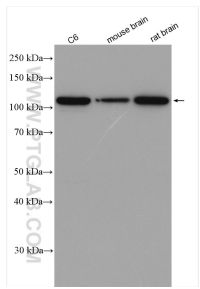
For technical support and original validation data for this product please contact:

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

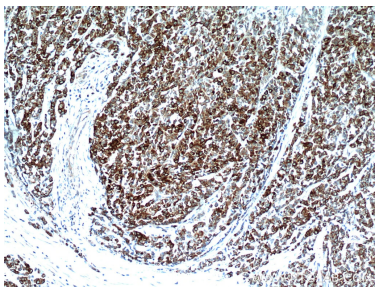
E: proteintech@ptglab.com
W: ptglab.com

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

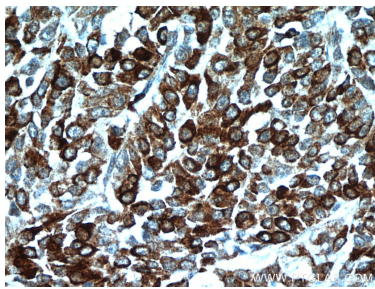
Données de validation sélectionnées



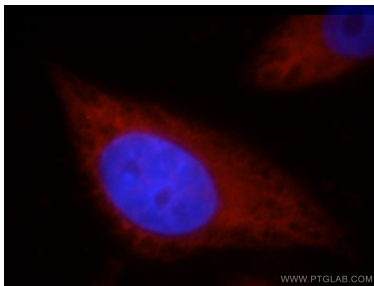
Various lysates were subjected to SDS PAGE followed by western blot with 21206-1-AP (HSPA4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



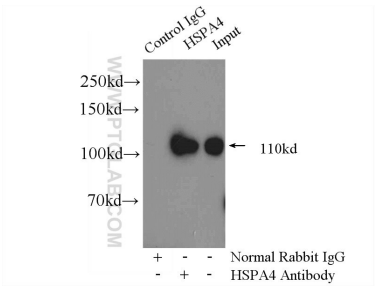
Immunohistochemical analysis of paraffin-embedded human colon cancer using 21206-1-AP (HSPA4 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon cancer using 21206-1-AP (HSPA4 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of HepG2 cells, using HSPA4 antibody 21206-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



IP Result of anti-HSPA4 (IP:21206-1-AP, 4ug; Detection:21206-1-AP 1:1000) with mouse brain tissue lysate 4000ug.