

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-HSPA2



Numéro de catalogue: 12797-1-AP

Phare

11 Publications

Informations de base

Numéro de catalogue:
12797-1-AP

Taille:
150ul, Concentration: 300 µg/ml by
Nanodrop and 140 µg/ml by Bradford
method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG3539

Numéro d'acquisition GenBank:
BC036107

Identification du gène (NCBI):
3306
Nom complet:
heat shock 70kDa protein 2

MW calculé
639 aa, 70 kDa

MW observés:
70 kDa

Méthode de purification:
Purification par affinité contre
l'antigène

Dilutions recommandées:
WB 1:2000-1:5000
IP 0.5-4.0 ug for IP and 1:500-1:2000
for WB
IHC 1:20-1:200

Applications

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

Demandes citées:
IF, IHC, 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 A431, cellules C6, cellules HeLa, cellules
Jurkat, cellules MCF-7, cellules NIH/3T3, tissu cérébral
humain, tissu de muscle squelettique humain, tissu
rénal humain

IP : tissu de muscle squelettique de souris,

IHC : tissu testiculaire humain, tissu de tumeur
ovarienne humaine, tissu d'hyperplasie de la prostate
humaine, tissu ovarien de souris

Informations générales

Human HSPA2 is a member of the HSPA (HSP70) family of heat-shock proteins, encoded by the gene originally described as testis-specific. Recently, it has been reported that HSPA2 can be also expressed in human somatic tissues in a cell-type specific manner. HSPA2 is a cytosol/nuclear protein able to translocate between cytoplasm and nucleus. HSPA2 is involved in sperm maturity, function and fertility. Aberrant expression of HSPA2 in testes has been connected with male infertility. Recently, HSPA2 has attracted increased interest due to its possible involvement in carcinogenesis of non-testicular tissues. This antibody well recognized the endogenous HSPA2 protein in testis and multiple cell lines. (21373891)

Publications notables

Autrice	Pubmed ID	Journal	Application
Jianjun Hu	29161344	Biol Reprod	IF
Liuze Gao	33177084	Sci Adv	IF
Long Jiang	28502657	Curr Biol	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.

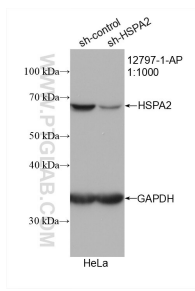
For technical support and original validation data for this product please contact:

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

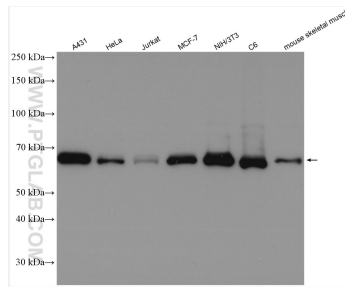
E: proteintech@ptglab.com
W: ptglab.com

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

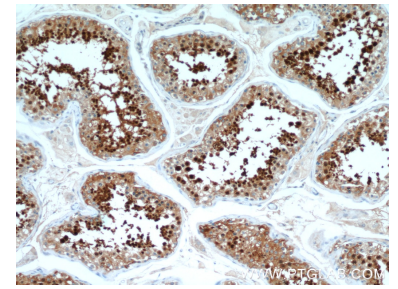
Données de validation sélectionnées



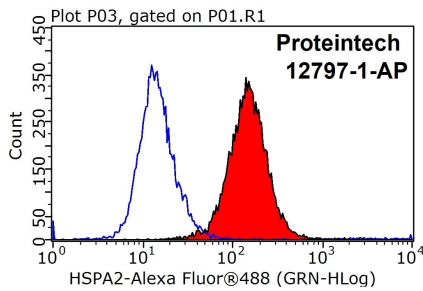
WB result of HSPA2 antibody (12797-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HSPA2 transfected HeLa cells.



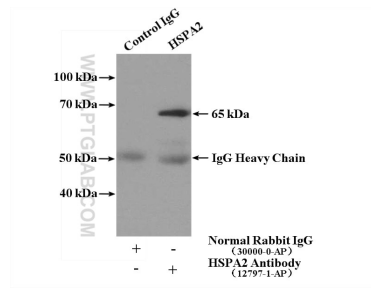
Various lysates were subjected to SDS PAGE followed by western blot with 12797-1-AP (HSPA2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



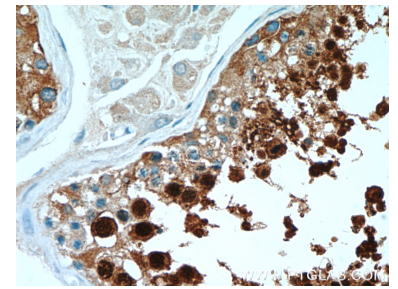
Immunohistochemical analysis of paraffin-embedded human testis using 12797-1-AP (HSPA2 antibody) at dilution of 1:50 (under 10x lens).



1X10⁶ HeLa cells were stained with 0.2ug HSPA2 antibody (12797-1-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.



IP Result of anti-HSPA2 (IP:12797-1-AP, 4ug; Detection:12797-1-AP 1:1000) with mouse skeletal muscle tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human testis using 12797-1-AP (HSPA2 antibody) at dilution of 1:50 (under 40x lens).