

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-Hsc70



Numéro de catalogue: 10654-1-AP

Phare

48 Publications

## Informations de base

Numéro de catalogue:

10654-1-AP

Taille:

150ul, Concentration: 400 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG1018

Numéro d'acquisition GenBank:

BC007276

Identification du gène (NCBI):

3312

Nom complet:

heat shock 70kDa protein 8

MW calculé

70 kDa

MW observés:

70 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:2000-1:16000

IP 0.5-4.0 ug for IP and 1:1000-1:4000 for WB

IHC 1:50-1:500

IF 1:200-1:800

## Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

CoIP, IF, IHC, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, porc, rat, souris

**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 HEK-293, cellules HeLa, cellules MCF-7, cellules MG U-87, cellules NIH/3T3, cellules PC-12, tissu cérébral de rat, tissu cérébral de souris

IP : cellules HEK-293,

IHC : tissu de tumeur ovarienne humain, tissu de carcinome à cellules rénales humain

IF : cellules HEK-293,

## Informations générales

HSPA8 (also known as HSC70) is a member of the HSPA (HSP70) family of heat-shock proteins which are highly conserved chaperons implicated in protein folding, protein refolding, protein transport, and protein targeting. HSPA8 is a constitutively expressed cytosol/nuclear protein able to translocate between cytoplasm and nucleus. Recently it has been reported that HSPA8 can interact with  $\alpha$ -synuclein, the critical pathological protein of Parkinson's disease, indicating its implication in neurodegenerative disease (21832061). In addition, this antibody is most likely able to recognize Hsp70.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Zundong Liu	34556812	Oncogene	WB
Yosuke Okamoto	31506297	J Biol Chem	WB, CoIP
Liu Chih-I CI	22885288	J 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.

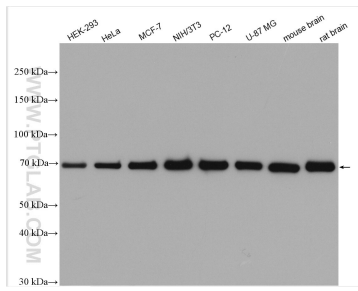
For technical support and original validation data for this product please contact:

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

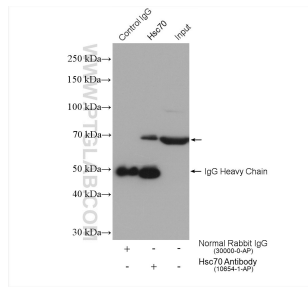
E: proteintech@ptglab.com  
W: ptglab.com

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

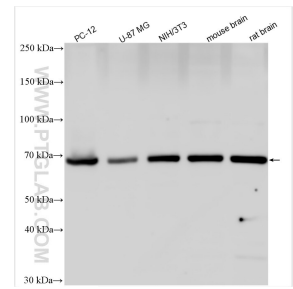
## Données de validation sélectionnées



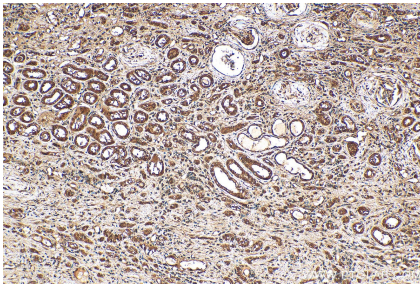
Various lysates were subjected to SDS PAGE followed by western blot with 10654-1-AP (Hsc70 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



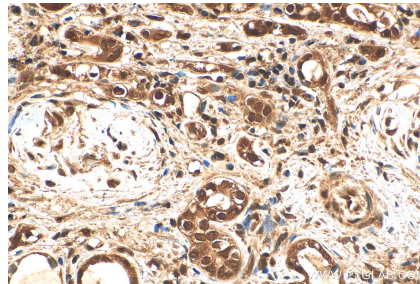
IP result of anti-Hsc70(IP:10654-1-AP, 4ug; Detection:10654-1-AP 1:2000) with HEK-293 cells lysate 1640 ug.



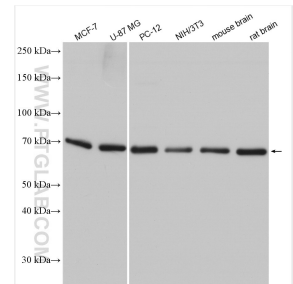
Various lysates were subjected to SDS PAGE followed by western blot with 10654-1-AP (Hsc70 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



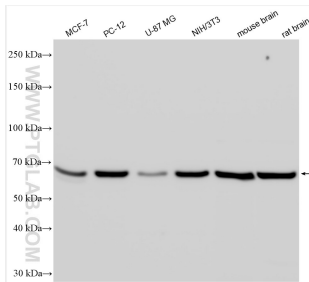
Immunohistochemical analysis of paraffin-embedded human renal cell carcinoma tissue slide using 10654-1-AP (Hsc70 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



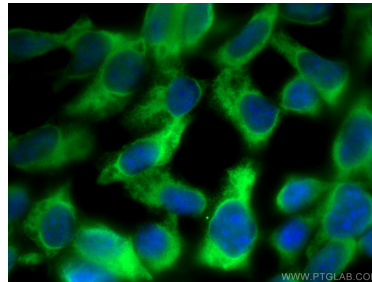
Immunohistochemical analysis of paraffin-embedded human renal cell carcinoma tissue slide using 10654-1-AP (Hsc70 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



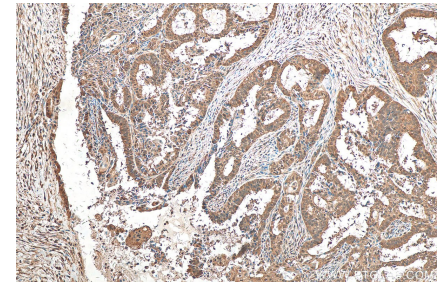
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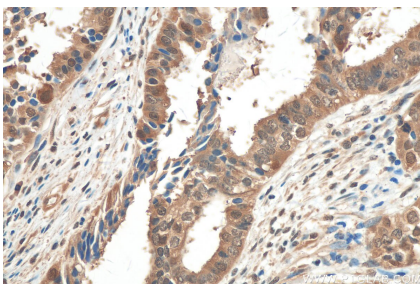
Various lysates were subjected to SDS PAGE followed by western blot with 10654-1-AP (Hsc70 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed HEK-293 cells using Hsc70 antibody (10654-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 10654-1-AP (Hsc70 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 ovary tumor tissue slide using 10654-1-AP (Hsc70 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).