

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PSME2



Numéro de catalogue: 12937-2-AP

3 Publications

Informations de base

Numéro de catalogue:

12937-2-AP

Taille:

150ul, Concentration: 550 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG3986

Numéro d'acquisition GenBank:

BC019885

Identification du gène (NCBI):

5721

Nom complet:

proteasome (prosome, macropain) activator subunit 2 (PA28 beta)

MW calculé

239 aa, 27 kDa

MW observés:

27 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IHC 1:1000-1:4000

IF 1:10-1:100

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

Contrôles positifs:

IP: cellules MCF-7,

IHC: tissu rénal humain,

IF: cellules MCF-7,

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.

Informations générales

The principal function of the proteasome is targeted degradation of intracellular proteins. Activity of the 20S proteasome is controlled by regulatory complexes that bind to the ends of the cylindrical proteasome. 11S regulator (REG or PA28), is a complex of 28 kDa subunits that is thought to activate proteasomes toward the production of antigenic peptides. Human PSME1 and PSME2 genes encode the two proteasome activators PA28 alpha and beta, respectively, which have been implicated in antigen processing for loading class I MHC molecules. The PA28 activator complex enhances the generation of class I binding peptides by altering the cleavage pattern of the proteasome.

Publications notables

Autrice	Pubmed ID	Journal	Application
Qing Li	36586643	Pharmacol Res	WB
Cen Wu	36583022	Front Genet	IHC
Brooke R D'Arcy	36854011	PLoS Biol	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.

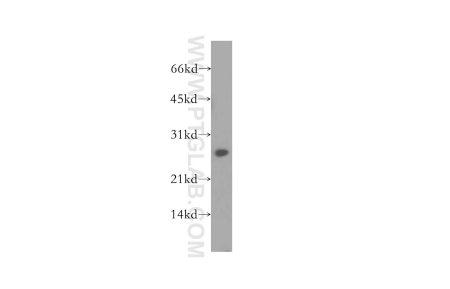
For technical support and original validation data for this product please contact:

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

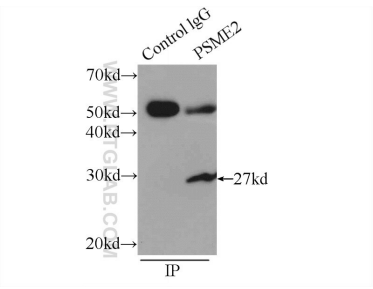
E: proteintech@ptglab.com
W: ptglab.com

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

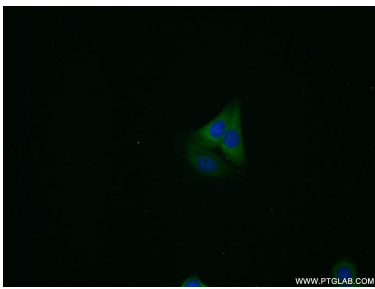
Données de validation sélectionnées



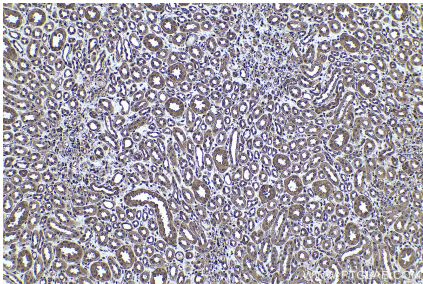
MCF7 cells were subjected to SDS PAGE followed by western blot with 12937-2-AP (PSME2 antibody) at dilution of 1:0 incubated at room temperature for 1.5 hours.



IP Result of anti-PSME2 (IP:12937-2-AP, 4ug; Detection:12937-2-AP 1:500) with MCF-7 cells lysate 2000ug.



Immunofluorescent analysis of MCF-7 cells using 12937-2-AP (PSME2 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 12937-2-AP (PSME2 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).