À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Caspase 7/p20

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Numéro de catalogue:27155-1-AP Phare 43 Publications

Informations de base

Numéro de catalogue:
27155-1-AP

Taille:
150ul , Concentration: 700 μg/ml by Nanodrop and 400 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG25904

Numéro d'acquisition GenBank:
BC015799

Identification du gène (NCBI):
840

Nom complet:
caspase 7, apoptosis-related cysteine peptidase

MW calculé
303 aa, 34 kDa

MW observés:
35 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:1000
IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
IF 1:50-1:500

Applications

Applications testées:
IF, IP, WB, ELISA

Demandes citées:
IHC, IP, WB

Spécificité de l'espèce:
Humain, souris

Espèces citées:
Humain, rat, souris

Contrôles positifs:

WB : cellules Jurkat, cellules HEK-293, cellules LNCaP, cellules MCF-7, cellules PC-3, tissu hépatique de souris

IP : cellules HEK-293,

IF : cellules MCF-7, tissu cérébral de souris

Informations générales

Caspase 7(CASP7), like caspases 3 and 6, contains a short prodomain and, upon apoptotic induction, the 35 kDa proform is converted into a 32 kDa intermediate or preactive form which is further processed into two active subunits consisting of the p20 or large (18 kDa) subunit and the p10 or small (11 kDa) subunit and it is present in the brain, which is up-regulated and activated after traumatic injury(PMID:15953353). Caspase-7 is classified as a member of the subgroup of cysteine proteases most related to the Caenorhabditis elegans factor CED-3, which also includes caspase-3, -6, and -9(PMID:9426061). The protein is involved in the activation cascade of caspases responsible for apoptosis execution.

Publications notables

Autrice	Pubmed ID	Journal	Application
Lei Zhang	34592228	Life Sci	WB
Lei Zhang	36116140	Phytother Res	WB
Rongrong Liao	36139227	Animals (Basel)	WB

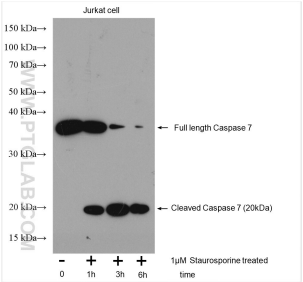
Stockage

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

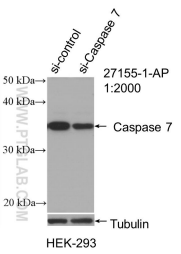
*** Les 20ul contiennent 0,1% de BSA.

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

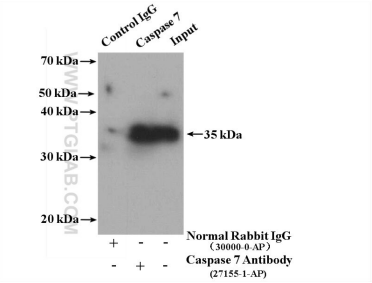
Données de validation sélectionnées



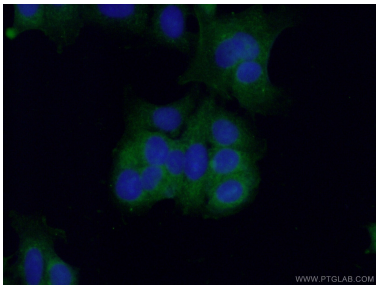
Untreated and Staurosporine treated Jurkat cells were subjected to SDS PAGE followed by western blot with 27155-1-AP (Caspase 7 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



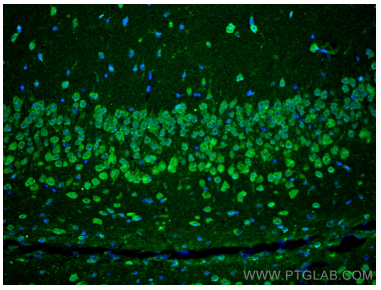
WB result of Caspase 7 antibody (27155-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-Caspase 7 transfected HEK-293 cells.



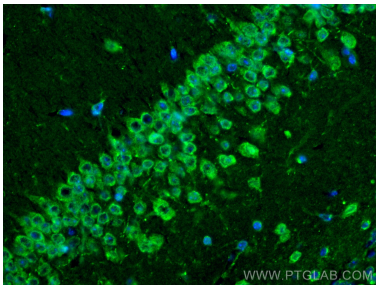
IP result of anti-Caspase 7 (IP:27155-1-AP, 4ug; Detection:27155-1-AP 1:1000) with HEK-293 cells lysate 2600 ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using 27155-1-AP (Caspase 7 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using Caspase 7/p20 antibody (27155-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using Caspase 7/p20 antibody (27155-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).