

Nur für Forschungszwecke

Caspase 7/p20 Polyklonaler Antikörper



Katalog-Nr.: 27155-1-AP

Vorgestelltes Produkt

40 Publikationen

Allgemeine Informationen

Katalog-Nr.: 27155-1-AP

Größe: 150ul, Konzentration: 700 µg/ml von Nanodrop und 400 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt: Kaninchen

Isotyp: IgG

Immunogen Katalognummer: AG25904

GenBank-Zugangsnummer: BC015799

GeneID (NCBI): 840

Vollständiger Name: caspase 7, apoptosis-related cysteine peptidase

Berechnete Masse: 303 aa, 34 kDa

Beobachtete Masse: 35 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000
IP 0.5-4.0 µg für IP und 1:500-1:2000 für WB
IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IF, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IHC, IP, WB

Getestete Reaktivität:

Human, Maus

Zitierte Arten:

Human, Maus, Ratte

Positivkontrollen:

WB: Jurkat-Zellen, HEK-293-Zellen, LNCaP-Zellen, Mausebergewebe, MCF-7-Zellen, PC-3-Zellen

IP: HEK-293-Zellen,

IF: MCF-7-Zellen,

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

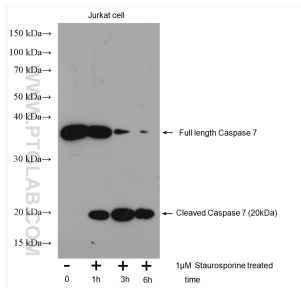
For technical support and original validation data for this product please contact:

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

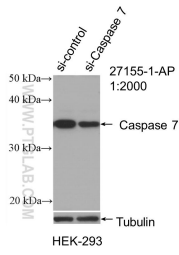
E: proteintech@ptglab.com
W: ptglab.com

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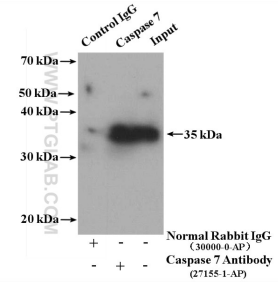
Ausgewählte Validierungsdaten



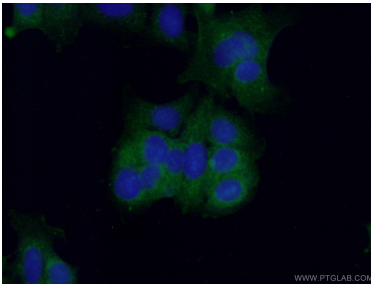
Untreated and Staurosporine treated Jurkat cells were subjected to SDS PAGE followed by western blot with 27155-1-AP (Caspase 7 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



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, 4µg; Detection:27155-1-AP 1:1000) with HEK-293 cells lysate 2600 µg.



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).