Nur für Forschungszwecke

Caspase 8/p43/p18 Monoklonaler Antikörper

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

Katalog-Nr.:66093-1-Ig Vorgestelltes Produkt 58 Publikationen

Allgemeine Informationen

Katalog-Nr.:
66093-1-Ig

Größe:
150ul , Konzentration: 1000 μg/ml von Nanodrop;

Wirt:
Maus

Isotyp:
IgG2b

Immunogen Katalognummer:
AG20524

GenBank-Zugangsnummer:
BC028223

GeneID (NCBI):
841

Vollständiger Name:
caspase 8, apoptosis-related cysteine peptidase

Berechneté Masse:
538 aa, 62 kDa

Beobachteté Masse:
53-57 kDa, 32-45 kDa, 18 kDa

Reinigungsmethode:
Protein-A-Reinigung

CloneNo.:
2B9H8

Empfohlene Verdünnungen:
WB 1:2000-1:10000
IP 0.5-4.0 ug für IP und 1:500-1:1000 für WB
IHC 1:100-1:400
IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:
IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:
ELISA, IF, IHC, IP, WB

Getestete Reaktivität:
Human

Zitierte Arten:
Affe, Hausschwein, Huhn, Human, Maus, Ratte

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : Jurkat-Zellen, HEK-293-Zellen, HeLa-Zellen, HepG2-Zellen

IP : HepG2-Zellen,

IHC : humanes Leberkarzinomgewebe, humanes Lebergewebe

IF : HeLa-Zellen,

Hintergrundinformationen

Caspase 8, also named as MCH5, MACH, FLICE, and CAP4, belongs to the peptidase C14A family. It may participate in the GZMB apoptotic pathways and functions as an upstream regulator in a-bisabolol-induced apoptosis. Caspase 8 catalyzes an essential intermediate step in the ubiquitination and proteasome-mediated degradation of IRF3 (PMID:21816816). It may control diabetic embryopathy-associated apoptosis via regulation of the Bid-stimulated mitochondrion/caspase-9 pathway (PMID:19194987). Caspase 8 is expressed as nine isoforms by alternative splicing with the molecular mass from 26 kDa to 62 kDa. This antibody can recognize pro- and cleaved-caspase 8.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Guiying He	36129672	Hum Cell	IHC
Ni Zeng	31520740	Toxicol In Vitro	
Huan Liu	34491469	Med Oncol	WB

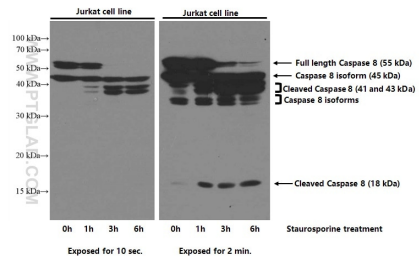
Lagerung

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

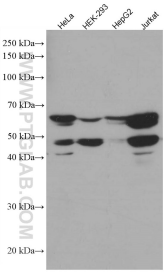
*** 20ul-Größen enthalten 0.1% BSA

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

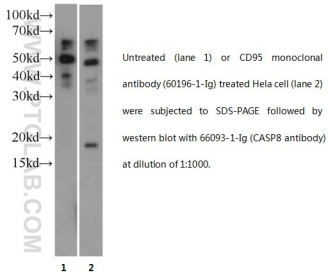
Ausgewählte Validierungsdaten



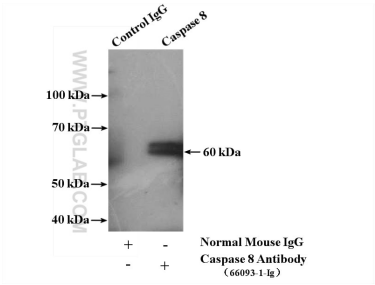
Untreated and Staurosporine treated Jurkat cells were subjected to SDS PAGE followed by western blot with 66093-1-Ig (Caspase 8 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



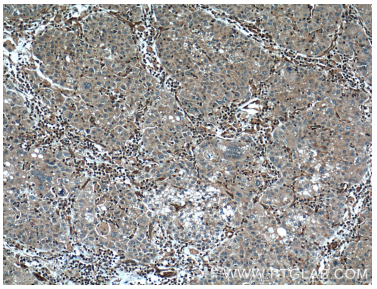
Various lysates were subjected to SDS PAGE followed by western blot with 66093-1-Ig (Caspase 8 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



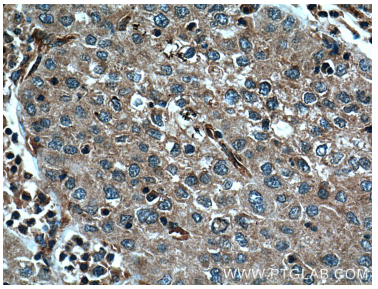
WB result of CASP8 with normal and apotosis Hela cell. P18 can be get in the apotosis cell. 60kd,50kd and 45kd bands are some isoforms of precursor CASP8.



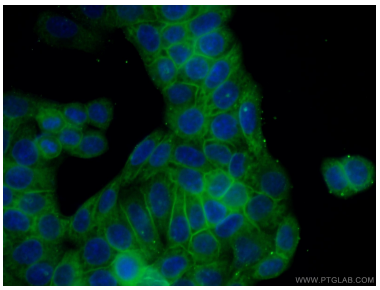
IP Result of anti-Caspase 8 (IP:66093-1-Ig, 5ug; Detection:66093-1-Ig 1:500) with HepG2 cells lysate 2400ug.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66093-1-Ig (Caspase 8 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 liver cancer tissue slide using 66093-1-Ig (Caspase 8 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 66093-1-Ig(Caspase 8 antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).