

Nur für Forschungszwecke

# Caspase 8/p43/p18 Polyklonaler Antikörper



Katalog-Nr.:13423-1-AP

Vorgestelltes Produkt

261 Publikationen

## Allgemeine Informationen

|   |   |  |
|---|---|--|
| <b>Katalog-Nr.:</b><br>13423-1-AP                               | <b>GenBank-Zugangsnummer:</b><br>BC028223                                     | <b>Reinigungsmethode:</b><br>Antigen-Affinitätsreinigung   |
| <b>Größe:</b><br>150ul , Konzentration: 650 µg/ml von Nanodrop; | <b>GeneID (NCBI):</b><br>841  | <b>Empfohlene Verdünnungen:</b><br>WB 1:500-1:1000<br>IP 0.5-4.0 ug für IP und 1:500-1:1000 für WB |
| <b>Wirt:</b><br>Kaninchen                                       | <b>Vollständiger Name:</b><br>caspase 8, apoptosis-related cysteine peptidase | <b>IHC 1:50-1:500</b><br><b>IF 1:50-1:500</b>  |
| <b>Isotyp:</b><br>IgG   | <b>Berechnete Masse:</b><br>538 aa, 62 kDa                                    |  |
| <b>Immunogen Katalognummer:</b><br>AG4214                       | <b>Beobachtete Masse:</b><br>53-57 kDa, 32-45 kDa                             |  |

## Anwendungen

### Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

### In Publikationen genannte Anwendungen:

ELISA, IF, IHC, IP, RIP, WB

### Getestete Reaktivität:

Human, Maus

### Zitierte Arten:

Hausschwein, Huhn, Human, Kaninchen, 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** : mit Staurosporin behandelte Jurkat-Zellen, HeLa-Zellen, Jurkat-Zellen, Raji-Zellen, Sp2/O-Zellen

**IP** : HeLa-Zellen, Jurkat-Zellen

**IHC** : humanes Lymphomgewebe, humanes Kolongewebe

**IF** : HepG2-Zellen,

## Hintergrundinformationen

CASP8, 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. CASP8 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). CASP8 is expressed as nine isoforms by alternative splicing with the molecular mass from 26 kDa to 62 kDa. This antibody can recognize the pro- and cleaved-caspase 8.

## Bemerkenswerte Veröffentlichungen

| Verfasser   | Pubmed ID | Journal             | Anwendung |
|-------------|-----------|---------------------|-----------|
| Yuqian Wang | 32942847  | J Agric Food Chem   | WB        |
| Faisal Aziz | 26427350  | Toxicol In Vitro    | WB        |
| Yuqing Mao  | 26451091  | Drug Des Devel Ther | 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

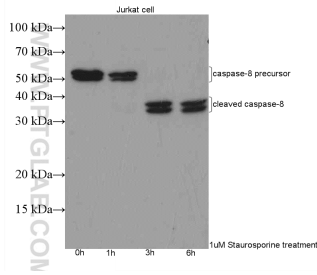
For technical support and original validation data for this product please contact:

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

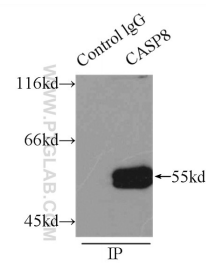
E: proteintech@ptglab.com  
W: ptglab.com

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

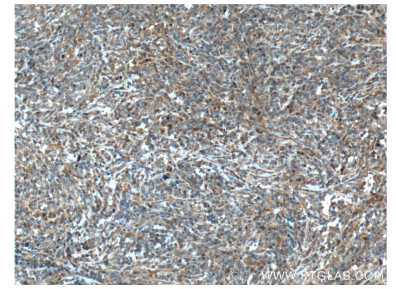
## Ausgewählte Validierungsdaten



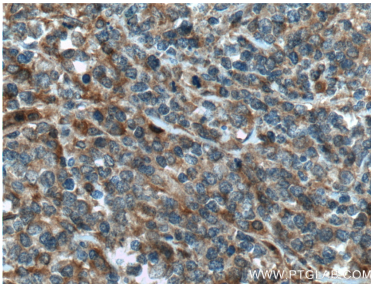
Staurosporine treated Jurkat cells were subjected to SDS PAGE followed by western blot with 13423-1-AP (Caspase 8 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



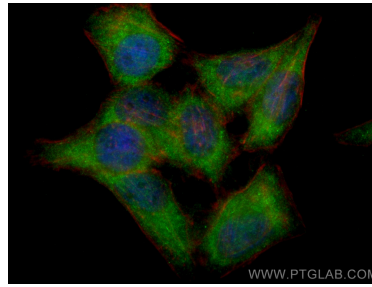
IP Result of anti-CASP8 (IP:13423-1-AP, 3ug; Detection:13423-1-AP 1:500) with HeLa cells lysate 2500ug.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 13423-1-AP (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 lymphoma tissue slide using 13423-1-AP (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 HepG2 cells using Caspase 8/p43/p18 antibody (13423-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).