À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Caspase 8/p43/p18

Numéro de catalogue:13423-1-AP Phare 269 Publications

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Antibodies | ELISA kits | Proteins
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Informations de base

Numéro de catalogue:
13423-1-AP

Taille:
150ul , Concentration: 650 μg/ml by Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG4214

Numéro d'acquisition GenBank:
BC028223

Identification du gène (NCBI):
841

Nom complet:
caspase 8, apoptosis-related cysteine peptidase

MW calculé
538 aa, 62 kDa

MW observés:
53-57 kDa, 32-45 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 1:500-1:1000 for WB
IHC 1:50-1:500
IF 1:50-1:500

Applications

Applications testées:
IF, IHC, IP, WB, ELISA

Demandes citées:
ELISA, IF, IHC, IP, RIP, WB

Spécificité de l'espèce:
Humain, souris

Espèces citées:
Humain, Lapin, porc, poulet, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules Jurkat traitées à la staurosporine, cellules HeLa, cellules Jurkat, cellules Raji, cellules Sp2/0, Hela traitées aux UV, RAW264.7

IP : cellules HeLa, cellules Jurkat

IHC : tissu de lymphome humain, tissu de côlon humain

IF : cellules HepG2,

Informations générales

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.

Publications notables

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

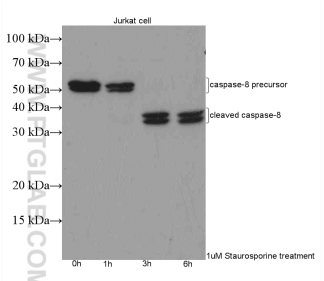
Stockage

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

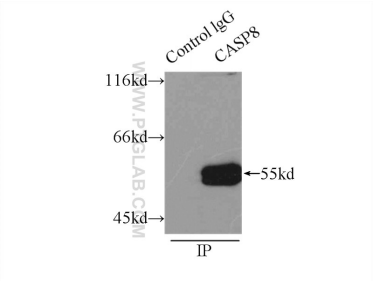
*** Les 20ul contiennent 0,1% de BSA.

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

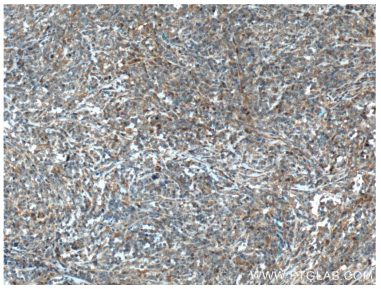
Données de validation sélectionnées



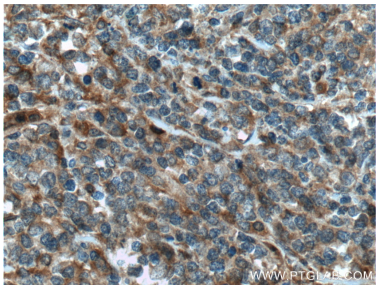
Staurosporine treated Jurkat cells were subjected to SDS PAGE followed by western blot with 13423-1-AP (Caspase 8 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



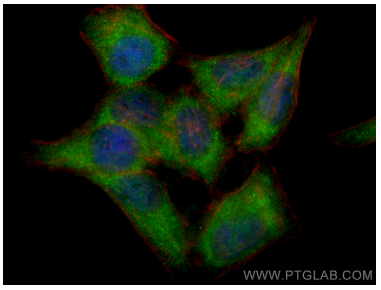
IP Result of anti-CASP8 (IP:13423-1-AP, 3ug; Detection:13423-1-AP 1:500) with HeLa cells lysate 2500ug.



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).