À des fins de recherche uniquement

Anticorps Monoclonal anti-Caspase 4

Numéro de catalogue:67398-1-Ig 2 Publications

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Antibodies | ELISA kits | Proteins
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Informations de base

Numéro de catalogue:
67398-1-Ig

Taille:
150ul , Concentration: 2300 μg/ml by Nanodrop and 1000 μg/ml by Bradford method using BSA as the standard;

Hôte:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG29488

Numéro d'acquisition GenBank:
BC017839

Identification du gène (NCBI):
837

Nom complet:
caspase 4, apoptosis-related cysteine peptidase

MW calculé
377 aa, 43 kDa

MW observés:
43-48 kDa

Méthode de purification:
Purification par protéine A

CloneNo.:
1D1E12

Dilutions recommandées:
WB 1:2000-1:10000
IHC 1:250-1:1000

Applications

Applications testées:
IHC, WB, ELISA

Demandes citées:
IHC, WB

Spécificité de l'espèce:
Humain

Espèces citées:
Humain

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 SGC-7901, cellules A549, cellules HeLa, cellules HepG2, cellules HL-60

IHC : tissu de cancer du foie humain,

Informations générales

Caspase 4 (CASP4), is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis.Caspase 4 is able to cleave and activate its own precursor protein, as well as caspase 1 precursor. Overexpression of caspase 4 will induce cell apoptosis.

Publications notables

Autrice	Pubmed ID	Journal	Application
Guiying He	36129672	Hum Cell	IHC
Amy H Chan	37558421	Life Sci Alliance	WB

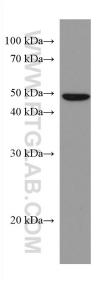
Stockage

Stockage:
Stocker à -20 °C.
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

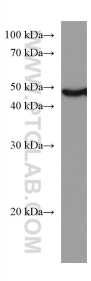
***** Les 20ul contiennent 0,1% de BSA.**

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

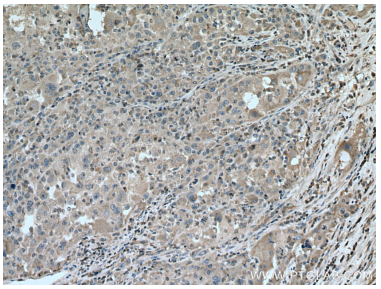
Données de validation sélectionnées



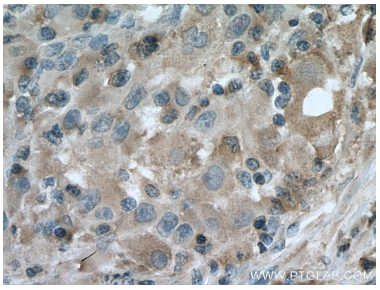
SGC-7901 cells were subjected to SDS PAGE followed by western blot with 67398-1-Ig (Caspase 4 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



HL-60 cells were subjected to SDS PAGE followed by western blot with 67398-1-Ig (Caspase 4 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67398-1-Ig (Caspase 4 antibody) at dilution of 1:500 (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 67398-1-Ig (Caspase 4 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).