

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Caspase 6/p18/p11



Numéro de catalogue: 10198-1-AP

Phare

12 Publications

Informations de base

Numéro de catalogue:
10198-1-AP

Taille:
150ul, Concentration: 450 µg/ml by Nanodrop and 293 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG0257

Numéro d'acquisition GenBank:
BC000305

Identification du gène (NCBI):
839

Nom complet:
caspase 6, apoptosis-related cysteine peptidase

MW calculé:
33 kDa, 22 kDa

MW observés:
33-35 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:1000
IHC 1:20-1:200

Applications

Applications testées:
IHC, WB, ELISA

Demandes citées:
WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A 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 Jurkat, tissu cérébral de souris

IHC : tissu de cancer de la prostate humain, tissu cutané humain, tissu de cancer du poumon humain

Informations générales

Caspase-6 belongs to caspase family of cysteinyl-aspartate specific proteases. Precursor of CASP6 produces two subunits, large (18kDa) and small (16kDa) that dimerize. It cleaves poly(ADP-ribose) polymerase, as well as lamins and is involved in the activation cascade of caspases responsible for apoptosis execution. Researches showed that CASP6 could be an early instigator of neuronal dysfunction and regulates B cell activation and differentiation into plasma cells by modifying cell cycle entry. IRAK3 is an important target for CASP6. It can reveal five bands of 28, 32, 36, 49, and 64 kDa in human neurons and fetal brain in western blot, the 32 and 28 kDa bands represent procaspase-6 and pro-arm caspase-6. Procaspase-6 is more abundant than pro-arm caspase-6 in adult tissue, whereas pro-arm caspase-6 is more abundant than pro-caspase-6 in fetal brain and cultured neurons. The higher molecular mass bands at 49 and 64 kDa likely represent dimers of p28 and p32. (PMID:10438520). In rat testis, it can be detected two bands of 34 kDa and 12 kDa or 14 kDa (PMID:12538628).

Publications notables

Autrice	Pubmed ID	Journal	Application
Han Liao	26415619	Chem Biol Interact	WB
Weixin Hou	34526765	Drug Des Devel Ther	WB
Danli Lu	36181629	Transl Stroke Res	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.

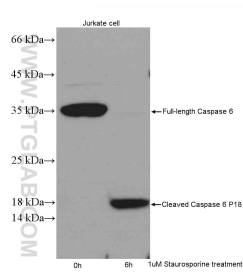
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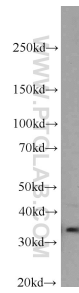
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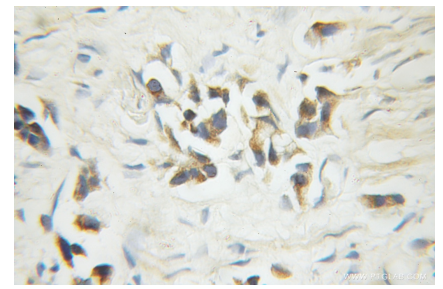
Données de validation sélectionnées



Staurosporine treat Jurkat cells were subjected to SDS PAGE followed by western blot with 10198-1-AP (Caspase 6/p18/p11 antibody at dilution of 1:600 incubated at room temperature for 1.5 hours.



Jurkat cells were subjected to SDS PAGE followed by western blot with 10198-1-AP (CASP6 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 10198-1-AP (CASP6 antibody) at dilution of 1:50 (under 10x lens).