

À des fins de recherche uniquement

Anticorps Monoclonal anti-Caspase 6



Numéro de catalogue: 67825-1-Ig **Phare**

Informations de base

Numéro de catalogue: 67825-1-Ig	Numéro d'acquisition GenBank: BC000305	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1000 µg/ml by Nanodrop and 665 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 839	CloneNo.: 1H7F9
Hôte: Mouse	Nom complet: caspase 6, apoptosis-related cysteine peptidase	Dilutions recommandées: WB 1:1000-1:4000 IF 1:400-1:1600
Isotype: IgG2b	MW calculé 33 kDa, 22 kDa	
Immunogen Catalog Number: AG20534	MW observés: 33-35 kDa 22kDa, 18kDa	

Applications

Applications testées: IF, WB, ELISA	Contrôles positifs: WB : cellules Jurkat, IF : cellules Jurkat,
Spécificité de l'espèce: 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).

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.

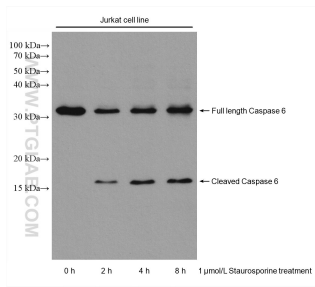
For technical support and original validation data for this product please contact:

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

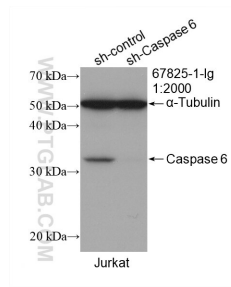
E: proteintech@ptglab.com
W: ptglab.com

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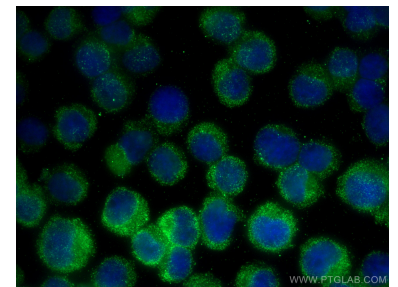
Données de validation sélectionnées



Jurkat cells were subjected to SDS PAGE followed by western blot with 67825-1-Ig (Caspase 6 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



WB result of Caspase 6 antibody (67825-1-Ig; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Caspase 6 transfected Jurkat cells.



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using Caspase 6 antibody (67825-1-Ig, Clone: 1H7F9) at dilution of 1:800 and CoraLite[®]488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).