

Nur für Forschungszwecke

Caspase 6 Monoklonaler Antikörper

Katalog-Nr.:67825-1-Ig



Allgemeine Informationen

Katalog-Nr.: 67825-1-Ig	GenBank-Zugangsnummer: BC000305	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 1000 µg/ml von839 Nanodrop und 665 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 150000	CloneNo.: 1H7F9
Wirt: Maus	Vollständiger Name: caspase 6, apoptosis-related cysteine peptidase	Empfohlene Verdünnungen: WB 1:1000-1:4000 IF 1:400-1:1600
Isotyp: IgG2b	Berechnete Masse: 33 kDa, 22 kDa	
Immunogen Katalognummer: AG20534	Beobachtete Masse: 33-35 kDa 22kDa, 18kDa	

Anwendungen

Geprüfte Anwendungen: IF, WB, ELISA	Positivkontrollen: WB : Jurkat-Zellen, IF : Jurkat-Zellen,
Getestete Reaktivität: Human	

Hintergrundinformationen

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).

Lagerung

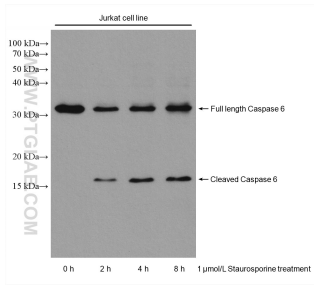
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

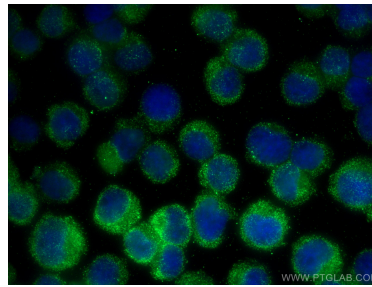
For technical support and original validation data for this product please contact:
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Ausgewählte Validierungsdaten



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.



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).