

Nur für Forschungszwecke

Caspase 3/p17/p19 Polyklonaler Antikörper



Katalog-Nr.:CL594-19677

Vorgestelltes Produkt

Allgemeine Informationen

Katalog-Nr.: CL594-19677	GenBank-Zugangsnummer: NM_004346	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul , Konzentration: 1000 µg/ml von836	GeneID (NCBI): Vollständiger Name: caspase 3, apoptosis-related cysteine peptidase	Empfohlene Verdünnungen: IF 1:50-1:500
Nanodrop;	Berechnete Masse: 32 kDa	Anregungs-/Emissionsmaxima-Wellenlängen: 588 nm / 604 nm
Wirt: Kaninchen	Beobachtete Masse: 32-35 kDa, 17 kDa, 19 kDa	
Isotyp: IgG		

Anwendungen

Geprüfte Anwendungen: FC (Intra), IF	Positivkontrollen: IF : NIH/3T3-Zellen,
Getestete Reaktivität: Human, Maus, Ratte	

Hintergrundinformationen

Caspases, a family of endoproteases, are critical players in cell regulatory networks controlling inflammation and cell death. Initiator caspases (caspase-2, -8, -9, -10, -11, and -12) cleave and activate downstream effector caspases (caspase-3, -6, and -7), which in turn execute apoptosis by cleaving targeted cellular proteins. Caspase 3 (also named CPP32, SCA-1, and Apopain) proteolytically cleaves poly(ADP-ribose) polymerase (PARP) at the beginning of apoptosis. Caspase 3 plays a key role in the activation of sterol regulatory element binding proteins (SREBPs) between the basic helix-loop-helix leucine zipper domain and the membrane attachment domain. Caspase 3 can also form heterocomplex with other proteins and performs the molecular mass of 50-70 kDa. This antibody can recognize p17, p19 and p32 of Caspase 3.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

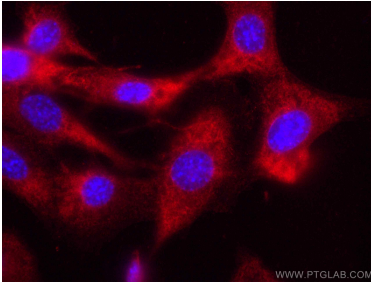
For technical support and original validation data for this product please contact:

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

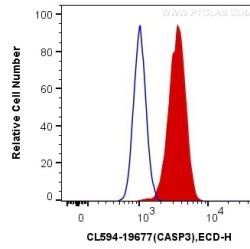
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



Immunofluorescent analysis of (-20°C Ethanol) fixed NIH/3T3 cells using CoraLite®594 Caspase 3/p17/p19 antibody (CL594-19677) at dilution of 1:100.



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human Caspase 3/p17/p19 (CL594-19677) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).