

Nur für Forschungszwecke

Caspase 3/p17/p19 Monoklonaler Antikörper



Katalog-Nr.:CL488-66470

Vorgestelltes Produkt

Allgemeine Informationen

Katalog-Nr.: CL488-66470	GenBank-Zugangsnummer: BC016926	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul , Konzentration: 1000 µg/ml von836 Nanodrop;	GeneID (NCBI): 836	CloneNo.: 2G4B2
Wirt: Maus	Vollständiger Name: caspase 3, apoptosis-related cysteine peptidase	Empfohlene Verdünnungen: IF 1:50-1:500
Isotyp: IgG1	Berechnete Masse: 277 aa, 32 kDa	Anregungs-/Emissionsmaxima-Wellenlängen: 493 nm / 522 nm
Immunogen Katalognummer: AG25029	Beobachtete Masse: 32-35 kDa, 19 kDa, 17 kDa	

Anwendungen

Geprüfte Anwendungen:

IF

Getestete Reaktivität:

Human, Maus, Ratte

Positivkontrollen:

IF : humanes Nierengewebe, Maushirngewebe

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. Nach dem Versand ein Jahr stabil.

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

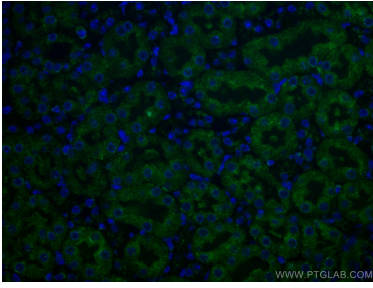
For technical support and original validation data for this product please contact:

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

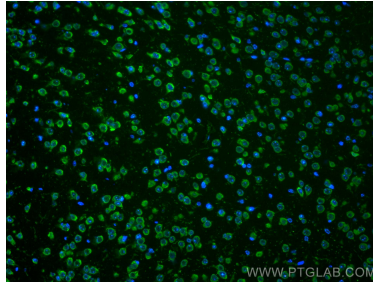
E: proteintech@ptglab.com
W: ptglab.com

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

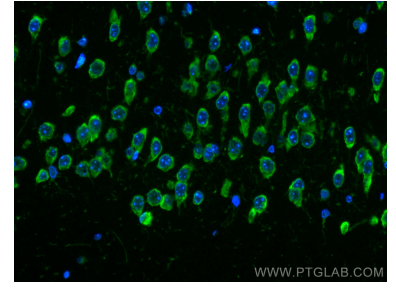
Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed human kidney tissue using CoraLite® Plus 488 Caspase 3/p17/p19 antibody (CL488-66470, Clone: 2G4B2) at dilution of 1:100.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite® Plus 488 Caspase 3/p17/p19 antibody (CL488-66470, Clone: 2G4B2) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite® Plus 488 Caspase 3/p17/p19 antibody (CL488-66470, Clone: 2G4B2) at dilution of 1:200.