

## anti- Caspase 3 antibody

### Product Information

Catalog No.:	FNab01289
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

Caspase 3, also named as CPP32, SCA-1 and Apopain, belongs to the peptidase C14A family. Caspase 3 is involved in the activation cascade of caspases responsible for apoptosis execution. At the onset of apoptosis it proteolytically cleaves poly(ADP-ribose) polymerase(PARP) at a '216-Asp-|-Gly-217' bond. Caspase 3 cleaves and activates sterol regulatory element binding proteins(SREBPs) between the basic helix-loop-helix leucine zipper domain and the membrane attachment domain. Cleaves and activates caspase-6,-7 and-9. Caspase 3 is involved in the cleavage of huntingtin. The antibody can recognize p17 and p32 of Caspase 3.

### Immunogen information

Immunogen:	caspase 3, apoptosis-related cysteine peptidase
Synonyms:	Apopain, CASP 3, CASP3, Caspase 3, Caspase 3/p17, Caspase3, CPP 32, CPP32, CPP32B, Cysteine protease CPP32, Protein Yama, SCA 1, SREBP cleavage activity 1
Observed MW:	32-35 kDa
Uniprot ID :	P42574

### Application

1

### Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

Tel : (0086)027-87384275

Fax: (0086)027-87800889

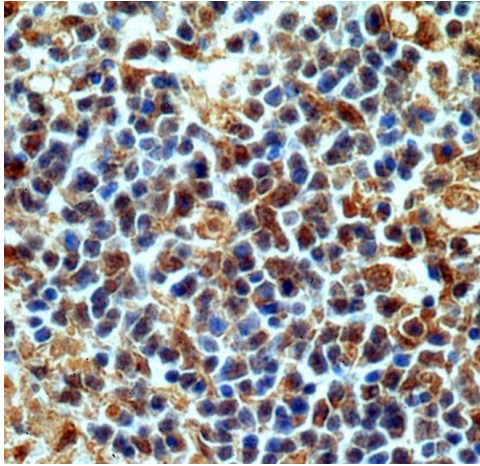
[www.fn-test.com](http://www.fn-test.com)

Reactivity: Human, Mouse, Rat

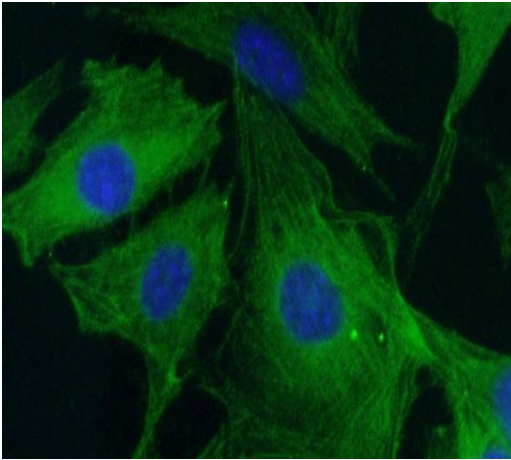
Tested Application: ELISA, IHC, WB,IF,IP

Recommended dilution: WB: 1:200-1:2000; IP: 1:200-1:2000; IHC: 1:50-1:500; IF: 1:20-1:200

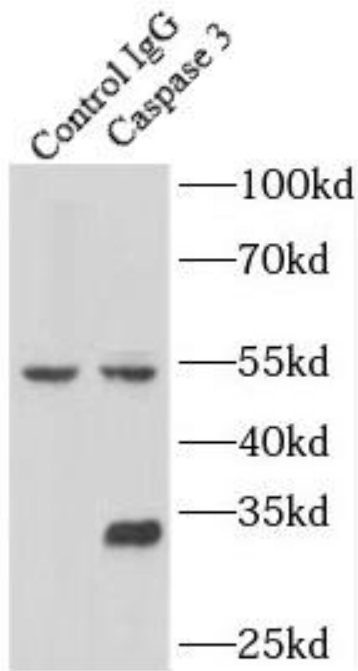
Image:



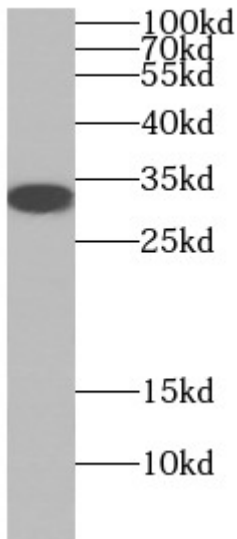
Immunohistochemistry of paraffin-embedded human spleen using FNab01289(CASP3 antibody) at dilution of 1:50



Immunofluorescent analysis of ( -20°C Ethanol ) fixed NIH/3T3 cells using FNab01289 (Caspase 3 Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L)



IP result of anti-Caspase 3(IP:FNab01289, 4ug;  
Detection:FNab01289 1:300) with NIH/3T3 cells  
lysate 3440 ug



HeLa cells were subjected to SDS PAGE followed  
by western blot with FNab01289(CASP3 antibody)  
at dilution of 1:1000