

anti- Caspase 3 antibody

Product Information

Catalog No.:	FNab10013
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
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, 17 kDa
Uniprot ID :	P42574

Application

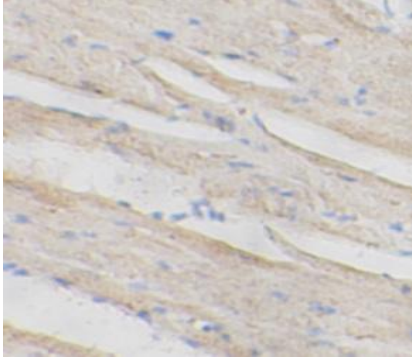
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF

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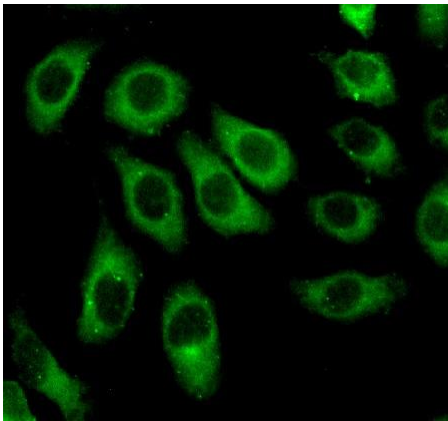
B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

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

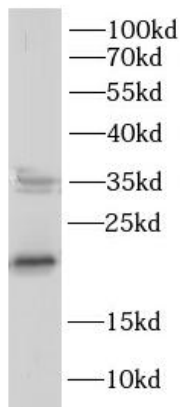
Image:



Immunohistochemistry of paraffin-embedded mouse heart tissue slide using FNab10013(CASP3 Antibody) at dilution of 1:100



Immunofluorescent analysis of (-20° C Ethanol) fixed HeLa cells using FNab10013 (caspase 3 antibody) at dilution of 1:50 and FITC-Conjugated Goat Anti-rabbit IgG(H+L)



Mouse spleen were subjected to SDS PAGE followed by western blot with FNab10013(CASP3 antibody) at dilution of 1:1000

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Jurkat cells were subjected to SDS PAGE followed by western blot with FNab10013(CASP3 antibody) at dilution of 1:1000