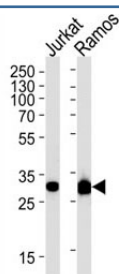


## Caspase-3 Antibody [clone 1262CT521.280.101] (F52416)

Catalog No.	Formulation	Size
F52416-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F52416-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1
<b>Clone Name</b>	1262CT521.280.101
<b>Purity</b>	Purified
<b>UniProt</b>	P42574
<b>Applications</b>	Western Blot : 1:2000
<b>Limitations</b>	This Caspase-3 antibody is available for research use only.



Caspase-3 antibody western blot analysis in Jurkat, Ramos lysate

## Description

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. 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. Involved in the cleavage of huntingtin. Triggers cell adhesion in sympathetic neurons through RET cleavage.

## Application Notes

Titration of the Caspase-3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

Purified His-tagged protein was used to produced this monoclonal Caspase-3 antibody.

## Storage

Aliquot the Caspase-3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.