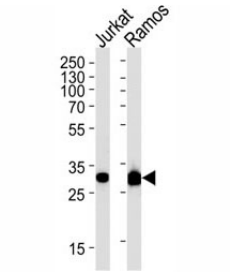
Caspase-3 Antibody [clone 1262CT521.280.101] (F52416)

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

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	1262CT521.280.101
Purity	Purified
UniProt	P42574
Applications	Western blot: 1:2000
Limitations	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.

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