

Product datasheet for TA383872M

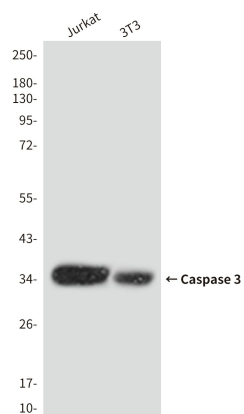
Caspase 3 (CASP3) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1/1000
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Purified recombinant human Caspase-3 protein fragments expressed in E.coli. (Cleaved)
Formulation:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.03% Proclin 300, pH 7.3.
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	35kDa
Gene Name:	caspase 3
Database Link:	Entrez Gene 836 Human P42574
Background:	Swiss-Prot Acc.P42574.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.
Synonyms:	apopain; CASP-3; CPP-32; CPP32; CPP32B; procaspase3; SCA-1; Yama


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Product images:



Western blot analysis of Cleaved-Caspase3 in Jurkat and 3T3 lysates using Cleaved-Caspase3 p17 antibody.