

Cat. No:	AB-83835
Conjugate:	Unconjugated
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Recombinant protein of human CASP3
Reactivity:	Human , Mouse , Rat
Applications:	Western Blot: 1:1000 Immunohistochemistry:1:100 Immunofluorescence: 1:50 - 1:100 Immunoprecipitation: 1:50 - 1:100
Molecular Weight:	Casp3: 35kDa - cleaved Casp3: 17kDa
Purification:	Affinity purification
Background:	Caspase-3 (CPP-32, Apoptain, Yama, SCA-1) is a critical executioner of apoptosis, as it is either partially or totally responsible for the proteolytic cleavage of many key proteins such as the nuclear enzyme poly(ADP-ribose) polymerase (PARP) (1). Activation of caspase-3 requires proteolytic processing of its inactive zymogen into activated p17 and p12 fragments. Cleavage of caspase-3 requires aspartic acid at the P1 position (2).
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Storage:	Store at -20°C (regular) Avoid freeze / thaw cycles.

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