

Rabbit Polyclonal Antibody to Caspase 3 (CPP32)

Catalog No.:	RP 096, RP 096-05
Applications:	Research Use Only. Optimal working conditions must be determined by the end user.
Immunogen:	Recombinant full-length human Caspase 3 protein.
Host:	Rabbit
Format:	Purified immunoglobulin fraction of rabbit antiserum against Caspase 3 containing sodium azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:50-1:100 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
Staining Protocol:	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.</u>
Specificity:	This antibody reacts with the active form of caspase 3 (17 kD protein). Caspase 3 is a member of the interleukin-1 beta-converting enzyme family and is thought to be associated with the induction of apoptosis. Caspase 3 is synthesized as an inactive 32 kD proenzyme and is processed during apoptosis generating two subunits of 17 kD and 12 kD. Caspase 3 stains the epithelial cells of skin, renal proximal tubules, and collecting ducts. This antibody cross reacts with mouse, rat, monkey, rabbit, hamster, cow, sheep, pig, and dog.
Positive Control:	Tonsil
Cellular Localization:	Cytoplasmic, some nuclear
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	Krajewska et al. Cancer Res 57: 1605, 1997. Mallat et al. Circulation 96: 424, 1997.

RUO: Research Use Only

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

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