

## Rabbit Polyclonal Antibody to Caspase 9 / LAP6

<b>Catalog No.:</b>	RP 098, RP 098-05
<b>Applications:</b>	Research Use Only. Optimal working conditions must be determined by the end user.
<b>Immunogen:</b>	A synthetic peptide from the middle of human Caspase 9.
<b>Host:</b>	Rabbit
<b>Format:</b>	Purified immunoglobulin fraction of rabbit antiserum against Caspase 9 containing sodium azide as a preservative.
<b>Titer/Working Dilution:</b>	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.
<b>Staining Protocol:</b>	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>
<b>Specificity:</b>	This antibody reacts with a 46 - 48 kD protein. Activation of procaspase 9 by Apaf-1 requires proteolytic cleavage to generate the mature Caspase molecule. Once activated, Caspase 9 can initiate a Caspase cascade involving the downstream executioners Caspase 3, 6 and 7. Caspase 9 is essential for apoptosis during the normal development of the central nervous system.
<b>Positive Control:</b>	Stomach
<b>Cellular Localization:</b>	Cytoplasmic
<b>Storage:</b>	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
<b>References:</b>	Hakem et al. 94: 339, 1998. Kuida et al. Cell 94: 325, 1998. Li et al. Cell 91: 479, 1997. Pan et al. J Biol Chem 273: 5841, 1998.

### 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

**DBS**

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