

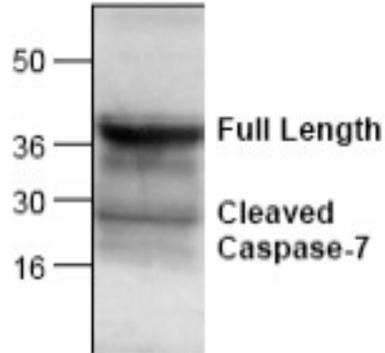
## CASP7

### Rabbit Anti-Human Caspase 7 Apoptosis-Related Cysteine Peptidase Affinity Purified pAb

|                                 |  |                  |        |
|---------------------------------|--|------------------|--------|
| <b>Catalog No.</b>              | CPC114   | <b>Quantity:</b> | 100 µg |
| <b>Alternate Names:</b>         | Caspase 7, CMH-1, ICE-LAP3, MCH3   |                  |        |
| <b>Gene ID:</b>                 | 840  |                  |        |
| <b>Description:</b>             | Rabbit Anti-Human Caspase 7 Affinity Purified polyclonal antibody. Caspase 7 is a 34 kDa protein consisting of two subunits and a short prodomain. The pro-caspase 7 can be activated by cleavage by upstream caspases to form active caspase 7 in apoptosis. Once activated, caspase 7 cleaves many of the same substrates as caspase 3, including poly (ADP-ribose) polymerase (PARP) and sterol regulatory element binding proteins (SREBPs). |                  |        |
| <b>Concentration:</b>           | 0.2 mg/ml  |                  |        |
| <b>Specificity:</b>             | Detects the full length (35-37 kDa) and the large fragment (20-25 kDa) of processed caspase 7.   |                  |        |
| <b>Host:</b>                    | Rabbit   |                  |        |
| <b>Immunogen:</b>               | Synthetic peptide corresponding to residues surrounding the cleavage site of human caspase 7 large fragment  |                  |        |
| <b>Formulation:</b>             | Liquid in PBS, pH 7.2 + 30% glycerol + 0.5% BSA + 0.01% thimerosal. Precaution: Thimerosal is a poisonous and hazardous substance which should be handled by trained staff only.   |                  |        |
| <b>Purification:</b>            | Biospecific affinity chromatography  |                  |        |
| <b>Cross-Reactivity:</b>        | Reacts with human, mouse, and rat.   |                  |        |
| <b>Applications:</b>            | Western Blot   |                  |        |
| <b>Application Notes:</b>       | For Western Blot use a working dilution of 0.5-4 µg/ml.<br>Mouse small intestine tissue lysate can be used as a positive control.<br>Blocking Peptide (Cat. No. CPC114BP) is available separately.<br>The optimal concentration should be determined by the user for each specific application.  |                  |        |
| <b>Storage &amp; Stability:</b> | Store at -20°C or in working aliquots at -80°C for long term storage. <b>Avoid repeated freeze-thaw cycles.</b>  |                  |        |



Western blot analysis of Caspase 7 expression with mouse small intestine tissue lysate.



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

