

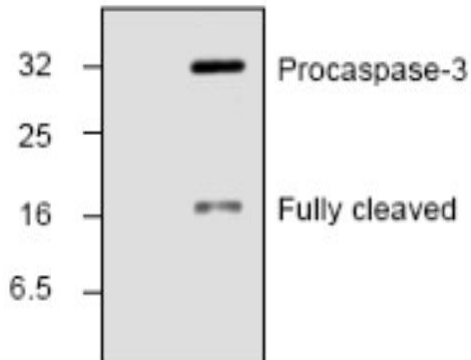
CASP3

Rabbit Anti-Human Caspase 3 Apoptosis-Related Cysteine Peptidase Affinity Purified pAb

| | | | |
|---------------------------------|--|------------------|--------|
| Catalog No. | CPC115 | Quantity: | 100 µg |
| Alternate Names: | Caspase 3, CPP32, CPP32B, SCA-1 | | |
| Gene ID: | 836 | | |
| Description: | Rabbit Anti-Human Caspase 3 Affinity Purified polyclonal antibody. Caspase family of cysteine proteases has been shown to play a key role in apoptosis. Caspase 3 is synthesized as an inactive pro-enzyme (32 kDa) that is processed in cells undergoing apoptosis by self-proteolysis and/or cleavage by another upstream protease. The processed form of caspase 3 consists of large (17 kD) and small (12 kD) subunits which associate to form an active enzyme. The active caspase 3 proteolytically cleaves and activates other caspases, as well as relevant targets in the cells (e.g., PARP and DFF). | | |
| Concentration: | 0.2 mg/ml | | |
| Specificity: | Detects proform and the cleaved large fragment of caspase 3. | | |
| Host: | Rabbit | | |
| Immunogen: | Synthetic peptide corresponding to the C-terminus of human caspase 3 large fragment | | |
| Formulation: | Liquid in PBS, pH 7.2 + 50% glycerol + 1% BSA + 0.02% thimerosal. Precaution: Thimerosal is a poisonous and hazardous substance which should be handled by trained staff only. | | |
| Purification: | Biospecific affinity chromatography | | |
| Cross-Reactivity: | Reacts with human, mouse, and rat. | | |
| Applications: | Western Blot | | |
| Application Notes: | For Western Blot, use a working dilution of 0.5-4 µg/ml. Blocking Peptide (Cat. No. CPC115BP) is available separately. The optimal concentration should be determined by the user for each specific application. | | |
| Storage & Stability: | Store at -20°C or in working aliquots at -80°C for long term storage. Avoid repeated freeze-thaw cycles. | | |



Western blot analysis of human Caspase 3 with (Lane 1) and without (Lane 2) blocking peptide.



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



Cell Sciences®
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Website: www.cellsciences.com