

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product name:</b>     | Cleaved-Caspase 6 p18 Rabbit Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Cat number:</b>       | ABN00828                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Conjugate:</b>        | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Size:</b>             | 100µL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Clone:</b>            | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Concentration:</b>    | 1mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Host:</b>             | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Isotype:</b>          | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Immunogen:</b>        | The antiserum was produced against synthesized peptide derived from human Caspase 6. AA range:130-179                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Reactivity:</b>       | Human,Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Applications:</b>     | WB 1:500-1:1000,IHC 1:50-1:100,ELISA 1:5000-1:20000                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Molecular Weight:</b> | Calculated MW: 33 kDa; Observed MW: 20,35 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Purification:</b>     | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Buffer:</b>           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Storage:</b>          | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Background:</b>       | Caspase-6 (Mch2) is one of the major executioner caspases functioning in cellular apoptotic processes. Upon apoptotic stimulation, initiator caspases such as caspase-9 are cleaved and activated. The activated upstream caspases further process downstream executioner caspases, such as caspase-3 and caspase-6, by cleaving them into large and small subunits, thereby initiating a caspase cascade leading to apoptosis. One of the major targets for caspase-6 is the membrane associated protein lamin A. |