

**RABBIT ANTI-CASPASE 8
POLYCLONAL ANTIBODY****CATALOG NUMBER:** AB1879**LOT NUMBER:****QUANTITY:** 50 µg**CONCENTRATION:** 0.2 mg/mL**BACKGROUND:** Caspase-8 is a 55 kDa cytosolic protein that is synthesized as an inactive proenzyme. Activation of caspase-8 involves a two-step proteolysis: the cleavage of caspase-8 to generate a 43 kDa fragment and a 12 kDa which is further processed to 10 kDa, and then the p43 is then cleaved to yield p26 and the release of the active site containing p18.**SPECIFICITY:** AB1879 detects 55 and 43 kDa proteins, corresponding to the proform and large subunit of caspase-8. The antibody also detects human recombinant caspase-8 protein on SDS-PAGE immunoblots.**IMMUNOGEN:** Synthetic peptide.**APPLICATIONS:** Western blot: 0.5-4 µg/mL*Optimal working dilutions must be determined by end user.***SPECIES REACTIVITIES:** Human, mouse, rat, bovine, monkey**FORMAT:** Affinity purified immunoglobulin**PRESENTATION:** Liquid in PBS, pH 7.2, containing 30% glycerol, 0.5% BSA and 0.01% thiomersal.**STORAGE/HANDLING:** Maintain frozen at -20°C. For optimal storage, aliquot and freeze at -20°C to -70°C. Avoid repeated freeze/thaw cycles.**REFERENCES:**
1. Boldin, M.P. et al. (1996). *Cell* **85**: 803-815.
2. Medema, J.P. et al. (1997). *EMBO J.* **16**: 2794-2804.**Important Note:** *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.****For research use only; not for use as a diagnostic.***