

## CASP8

**Reactivity:**Human

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:1000 IHC 1:50 - 1:100 IF 1:50 - 1:100

**Calculated MW:**18kDa41kDa43kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A synthetic peptide of human CASP8

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

bis

**Synonym:**

ALPS2B; CAP4; Casp-8; FLICE; FLJ17672; MACH; MCH5; MGC78473; Caspase8;

**Catalog #:**A2436

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**841

**Isotype:**IgG

**Swiss Prot:**Q14790

**Purity:**Affinity purification

For research use only.

**Background:**

Apoptosis induced through the CD95 receptor (Fas/APO-1) and tumor necrosis factor receptor 1 (TNFR1) activates caspase-8 and leads to the release of the caspase-8 active fragments, p18 and p10 (1-3). Activated caspase-8 cleaves and activates downstream effector caspases such as caspase-1, -3, -6, and -7. Caspase-3 ultimately elicits the morphological hallmarks of apoptosis, including DNA fragmentation and cell shrinkage.

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