

## BAK1

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC ICC IF

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:200 IF 1:50 - 1:200

**Calculated MW:** 23kDa

**Observed MW:** Refer to Figures

**Immunogen:**

A synthetic peptide of human BAK1

**Storage Buffer:**

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

**Concentration:**

bh

**Synonym:**

BAK1;BAK;BAK-LIKE;BCL2L7;CDN1;MGC117255;MGC3887 ;

**Catalog #:** A0204

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 578

**Isotype:** IgG

**Swiss Prot:** Q16611

**Purity:** Affinity purification

For research use only.

**Background:**

Bak is a proapoptotic member of the Bcl-2 family (1). This protein is located on the outer membrane of mitochondria and is an essential component for transduction of apoptotic signals through the mitochondrial pathway (2,3). Upon apoptotic stimulation, an upstream stimulator like truncated BID (tBID) induces conformational changes in Bak to form oligomer channels in the mitochondrial membrane for cytochrome c release. The release of cytochrome c to the cytosol activates the caspase-9 pathway and eventually leads to cell death (4,5).

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