

## BID

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

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

**Calculated MW:**22kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human BID

**Storage Buffer:**

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

**Concentration:**

bi

**Synonym:**

BID;FP497;MGC15319;MGC42355 ;

**Catalog #:**A0210

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**637

**Isotype:**IgG

**Swiss Prot:**P55957

**Purity:**Affinity purification

For research use only.

**Background:**

The BH3 domain-only protein, BID, a death agonist member of the Bcl-2/Bcl-xL family (1), is localized in the cytosolic fraction of cells as an inactive precursor (2,3). Its active form is generated upon proteolytic cleavage by caspase-8 in the Fas signaling pathway. Cleaved BID translocates to mitochondria and induces cytochrome c release and mitochondrial damage (2-5). Thus, BID relays an apoptotic signal from the cell surface to mitochondria. However, the precise molecular mechanism for the translocation of the cleaved BID, and for the subsequent release of cytochrome c during apoptosis, is still unclear.

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