

BID (I72) polyclonal antibody

Catalog: BS1819

Host: Rabbit

Reactivity: Human

BackGround:

BID, a BH3 domain containing proapoptotic Bcl2 family member, is localized in the cytosolic fraction of cells as an inactive precursor. Its active form is generated upon proteolytic cleavage by caspase 8 in the Fas signaling pathway. Cleaved Bid translocates to mitochondria and releases its potent proapoptotic activity, which in turn induces cytochrome c release and mitochondrial damage. The cytochrome c releasing activity of Bid was antagonized by Bcl2. Mutation in the SH3 domain can diminish the cytochrome c releasing activity. In animal model studies, Bid deficient mice are found resistant to the lethal effects of death factor signals relayed through Fas.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 22 kDa

Swiss-Prot:

P55957

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

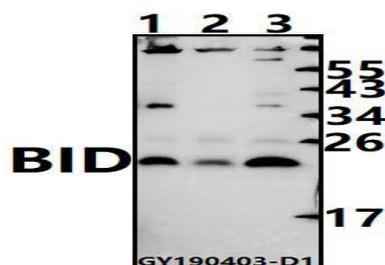
IHC: 1:50~1:200

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

BID (I72) polyclonal antibody detects endogenous levels of BID protein.

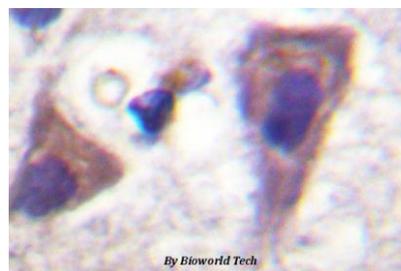
DATA:

Western blot (WB) analysis of BID (I72) pAb at 1:1000 dilution

Lane1:HCT116 whole cell lysate(40ug)

Lane2:SK-OVCAR3 whole cell lysate(40ug)

Lane3:Jurkat whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of BID (I72) pAb in paraffin-embedded human brain tissue.

Note:

For research use only, not for use in diagnostic procedure.

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