

BID (phospho-S78) polyclonal antibody

Catalog: BS4297

Host: Rabbit

Reactivity: Human, Mouse, Rat

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:

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:

p-BID (S78) polyclonal antibody detects endogenous levels of BID protein only when phosphorylated at Ser78.

DATA:



Immunohistochemistry (IHC) analyzes of p-BID (S78) pAb in paraffin-embedded human brain tissue.

Note:

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

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151