

Anti-Bid Antibody [PSH14-03]

HA723593



Product Type:	Recombinant Rabbit monoclonal IgG, primary antibodies
Species reactivity:	Human, Mouse
Applications:	WB, IP
Molecular Wt:	Predicted band size: 22 kDa
Clone number:	PSH14-03

Description: The BH3 interacting-domain death agonist, or BID, gene is a pro-apoptotic member of the Bcl-2 protein family. Bcl-2 family members share one or more of the four characteristic domains of homology entitled the Bcl-2 homology (BH) domains (named BH1, BH2, BH3 and BH4), and can form hetero- or homodimers. Bcl-2 proteins act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities.

Immunogen: Recombinant protein within mouse Bid aa 51-195.

Positive control: Jurkat cell lysate, HT-29 cell lysate, A549 cell lysate, RAW264.7 cell lysate.

Subcellular location: Cytoplasm, Mitochondrion membrane, Mitochondrion outer membrane.

Database links: SwissProt: P55957 Human | P70444 Mouse

Recommended Dilutions:

WB	1:5,000
IP	1-2µg/sample

Storage Buffer: 1*PBS (pH7.4), 0.1% BSA, 40% Glycerol, 0.2% Proclean 950.

Storage Instruction: Shipped at 4°C. Store at +4°C short term (1-2 weeks). It is recommended to aliquot into single-use upon delivery. Store at -20°C long term.

Purity: Protein A affinity purified.

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Orders:0086-571-88062880

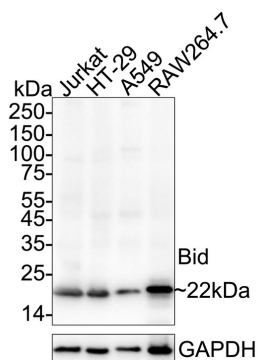
Technical:0086-571-89986345

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Images

Fig1: Western blot analysis of Bid on different lysates with Rabbit anti-Bid antibody (HA723593) at 1/5,000 dilution.



Lane 1: Jurkat cell lysate
Lane 2: HT-29 cell lysate
Lane 3: A549 cell lysate
Lane 4: RAW264.7 cell lysate

Lysates/proteins at 20 µg/Lane.

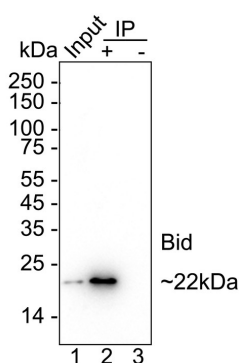
Predicted band size: 22 kDa
Observed band size: 22 kDa

Exposure time: 6 seconds; ECL: K1801;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody (HA723593) at 1/5,000 dilution was used in primary antibody dilution (K1803) at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1/50,000 dilution was used for 1 hour at room temperature.

Fig2: Bid was immunoprecipitated from 0.2 mg RAW264.7 cell lysate with HA723593 at 2 µg/10 µl beads. Western blot was performed from the immunoprecipitate using HA723593 at 1/5,000 dilution. HRP Conjugated Anti-Rabbit IgG for IP Nano-secondary antibody at 1/5,000 dilution was used for 1 hour at room temperature.



Lane 1: RAW264.7 cell lysate (input)
Lane 2: HA723593 IP in RAW264.7 cell lysate
Lane 3: Rabbit IgG instead of HA723593 in RAW264.7 cell lysate

Blocking/Dilution buffer: 5% NFDm/TBST
Exposure time: 46 seconds; ECL: K1801

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Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

Background References

1. Wyżewski Z et al. Bid Protein: A Participant in the Apoptotic Network with Roles in Viral Infections. *Int J Mol Sci.* 2025 Mar
2. Bertran-Alamillo J et al. BID expression determines the apoptotic fate of cancer cells after abrogation of the spindle assembly checkpoint by AURKB or TTK inhibitors. *Mol Cancer.* 2023 Jul

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