

Anti-Hrk Antibody

Catalog Number: A09125

About HRK

Apoptosis plays a major role in normal organism development, tissue homeostasis, and removal of damaged cells. Hrk, a pro-apoptotic member of the Bcl-2 homology domain-3 (BH3)-only group of the Bcl-2 family of proteins, was also identified as novel protein induced during programmed neuronal death. It lacks significant homology to other Bcl-2 family members except for an 8-amino acid region that is similar to the BH3 motif of Bik. Hrk regulates apoptosis through interaction with the anti-apoptotic proteins Bcl-2 and Bcl-XL via this domain. It does not interact with the pro-apoptotic proteins Bax, Bak, or Bcl-XS. Hrk localizes to mitochondrial membranes in a pattern similar to that previously reported for Bcl-2 and Bcl-XL.

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Overview

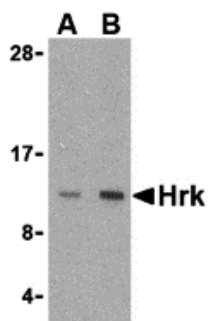
Product Name	Anti-Hrk Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Hrk Antibody (Catalog # A09125). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	Hrk Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	Hrk antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	O00198

Technical Details

Immunogen	HRK antibody was raised against a 15 amino acid synthetic peptide from near the center of human Hrk. The immunogen is located within the last 50 amino acids of Hrk.
Predicted Reactive Species	Bovine

Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	Hrk Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	Hrk antibody can be used for the detection of Hrk by Western blot at 2.5 - 5 ug/mL. Antibody validated: Western Blot in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

Anti-Hrk Antibody (A09125) Images



Western blot analysis of Hrk in mouse pancreas tissue lysate with Hrk antibody at (A) 2.5 and (B) 5 ug/mL.

[Anti-Hrk Antibody](#)

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